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## ACADEMIC OPENINGS

### TENURE-TRACK FACULTY POSITION IN ENGINEERING

The Thayer School of Engineering at Dartmouth seeks to hire a faculty member who can contribute to a distinctive research and education program addressing technology responses to societal energy challenges. The successful candidate will have a doctorate in engineering or closely related field, will show promise of leading an externally-funded research program targeting transformational advances in energy conversion and/or utilization, and will be a gifted teacher with motivation and expertise that complements the Thayer School's interdisciplinary curriculum. All fields of engineering will be considered. Applications of interest that involve chemical engineering include but are not limited to fuel cells, gasification, reforming, and upgrading of fuels, and applied catalysis and reactor design enabling large energy benefits. A hire at the Assistant Professor rank is anticipated, although outstanding candidates at the Associate Professor level will be considered. Review of applications will begin immediately, and will continue until the position is filled with interview visits anticipated in the fall. **A complete CV, research and teaching statements, and contact information for three references should be sent to: Prof. Lee R. Lynd, Energy Search Committee Chair, at Thayer School of Engineering at Dartmouth College, 8000 Cummings Hall, Hanover NH 03755-8000 or by e-mail at [engineering.faculty.search@dartmouth.edu](mailto:engineering.faculty.search@dartmouth.edu).** Dartmouth is an equal opportunity/affirmative action employer and has a strong commitment to diversity.

### VISIT AIChE'S CAREERENGINEER JOB BOARD <http://careerengineer.aiche.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:

- Executive Director, The Council for Chemical Research
- Principal Engineer, Hill's Pet Nutrition
- SCC Physical Chemist - Analytical R&D, Bristol-Myers Squibb
- Sr. Engineer or Scientist I, National Renewable Energy Laboratory
- Process Safety Specialist, Dow Corning Corporation
- Process Development Engineer, Talecris Biotherapeutics

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.

### NORTHWESTERN UNIVERSITY

#### ASSISTANT CHAIR IN CHEMICAL AND BIOLOGICAL ENGINEERING

The Department of Chemical and Biological Engineering (ChBE) is seeking applications for an Assistant Chair. The Assistant Chair is a non-tenure track faculty member who focuses on administrative tasks and processes to advance the strategic research and teaching missions of the department. The Assistant Chair will work closely with the Department Chair and other faculty and staff inside and outside the department to best leverage the efforts and the goals of Department of Chemical and Biological Engineering, McCormick, and Northwestern. Duties of the Assistant Chair include the following: Critical activities: Teaching-Teach and develop both undergraduate and graduate courses. MS program-Serve as the coordinator of the departmental Master's program. Undergraduate program administration-Potential duties include ABET, assignment of advisors, and undergraduate advising. Management of departmental visibility-Responsibilities would include web presence, marketing and publicity. Alumni relations-Provide oversight of relations with alumni of the ChBE department. Industrial and academic relations-Facilitate visibility and interactions with industry and academia. Safety-Serve as the coordinator of the departmental safety program. Other areas of responsibility: Educational support for research programs-Support and coordinate multiple PI research initiatives, center initiatives and multidisciplinary research programs. Other projects as assigned by the Chair, including development of departmental reports and publications. The successful candidate for Assistant Chair will have a Ph.D. in chemical engineering or related field and be an energetic, organized, motivated and vibrant person, interested and capable of furthering the above vision and implementing these new directions. **Applicants should submit a curriculum vitae, a statement of career goals, and a list of four references to Linda Broadbent, Professor, Department of Chemical and Biological Engineering, through the web at <http://facsearch.mccormick.northwestern.edu/chbe/apply.php?id=16>. In order to ensure full consideration, applications must be received by July 15, 2009.** Further information about the hiring department and the University is available at <http://www.chem-biol-eng.northwestern.edu/> and <http://www.northwestern.edu>. Northwestern University is an Affirmative Action, Equal Opportunity Employer. Women and minorities are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.

#### POSITION ANNOUNCEMENT: DEAN, COLLEGE OF ENGINEERING, ARCHITECTURE AND COMPUTER SCIENCES

Howard University is seeking an accomplished leader and distinguished scholar to serve as Dean of its College of Engineering, Architecture, and Computer Sciences (CEACS). As chief academic and administrative officer, the Dean provides leadership and vision and oversees all aspects of the College's activities, including academic planning and faculty recruitment, budgetary and personnel matters, fundraising, and management and development of physical resources. The University: Chartered by Congress in 1867, Howard University is the world's largest and most comprehensive university with a predominantly African American enrollment. It embraces persons of all colors, religions, creeds and national origins. The Howard University College of Engineering, Architecture and Computer Sciences has six academic departments and is comprised of two schools. The School of Engineering and Computer Sciences contains the departments of Chemical Engineering, Civil Engineering, Electrical and Computer Engineering, Mechanical Engineering, and Systems & Computer Sciences. The School of Architecture and Design contains the Department of Architecture. **More information regarding position responsibilities and application requirements is found at the following Website: <http://www.howard.edu/>.** Howard University is an equal opportunity employer.

**DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING,  
INSTITUTE FOR CHEMICALS AND FUELS FROM ALTERNATIVE  
RESOURCES, THE UNIVERSITY OF WESTERN ONTARIO,  
CANADA EXCELLENCE RESEARCH CHAIR IN ENVIRONMENTALLY  
FRIENDLY PROCESSING OF CANADIAN PETROLEUM RESOURCES  
AND BIOFUELS**

Applications are invited for the prestigious Canada Excellence Research Chair (CERC) in "Environmentally Friendly Processing of Canadian Petroleum Resources and Biofuels" (<http://www.cerc.gc.ca/cpov-pcap-eng.shtml>). The Chair will be based in the Department of Chemical and Biochemical Engineering at The University of Western Ontario and directly associated with the Institute for Chemicals and Fuels from Alternative Resources (ICFAR). It is expected that the Chair will closely collaborate also with the Chemical Reactor Engineering Centre (CREC) and the Particle Technology Research Centre (PTRC). We seek to hire a leading global researcher and scholar in the field of environmentally friendly processing of petroleum resources and biofuels who will focus the research on an integrated approach to heavy oil and oil sands upgrading and biomass conversion to biofuels. The successful candidate will be chosen in accordance with the regulations set for the Chair program, with appointment dependent upon success in this final phase of the Chair competition, which will award \$10 million over 7 years to support the research program of the successful nominees. Appointment will be tenured and at the level of Full Professor. The Department of Chemical and Biochemical Engineering is one of four departments in Western Engineering. Situated in picturesque London, Ontario, a city strategically located in close proximity to Toronto and large centres in the United States of America, The University of Western Ontario is known to be a research-intensive university. The field of "Environmentally Sustainable and Green Energy" has been identified as one of ten signature research areas for The University. The CERC will have an academic appointment to the Department of Chemical and Biochemical Engineering, as well as an affiliate appointment to ICFAR. Research and office space will

be provided at ICFAR, a new Institute designed to bridge university bench-top research with industrial application in the area of chemicals and fuels from alternative resources. As outlined in the CERC guidelines, we seek candidates who can demonstrate success as: an outstanding and innovative researcher, with demonstrated groundbreaking societal and economic impacts in environmentally friendly processing of petroleum resources and biofuels; an internationally recognized world leader in hydrocarbon processing, with particular attention on technologies related to the production of transportation fuels and other refined hydrocarbons; a scholar with a superior potential of attracting and supervising graduate students and postdoctoral fellows. The successful candidate will have a Ph.D. degree in Chemical Engineering, or in a related engineering discipline, and will have demonstrated an outstanding record of R&D accomplishments and impact. The CERC will be expected to further develop Western's profile in this area of research; collaborate with existing faculty; attract additional and on-going external research funding; supervise graduate students; instruct in undergraduate and graduate courses; and participate in other educational and professional activities. The candidate will be expected to participate in the normal administrative activities of the Department, Faculty and University. Commitment to or eligibility for registration as a Professional Engineer in Ontario is required for this appointment. **Those applying for this position should forward curriculum vitae and the names and addresses of three internationally recognized referees to: Department Chair, Department of Chemical and Biochemical Engineering, The University of Western Ontario, London, Ontario, N6A 5B9 Canada. We also welcome e-mail inquiries and submissions to: [cbechair@eng.uwo.ca](mailto:cbechair@eng.uwo.ca). Application end date is July 31, 2009 or until position is filled.** Applicants should have fluent written and oral communication skills in English. 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. Position is subject to budget approval.

**Faculty Position Department of Chemical and Bioengineering  
School of Engineering**

**The Friedrich-Alexander University of Erlangen-Nuremberg,  
Germany**

As a part of a new interdisciplinary initiative in energy science & technology the department seeks to appoint a new

**Chair Professor in Energy Process Engineering**

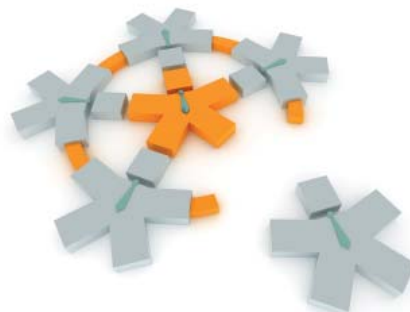
at the Department of Chemical and Biological Engineering, School of Engineering, beginning earliest January 1st, 2010. The successful applicant will be expected to represent this subject with the main focus on process optimization of energy chains (energy sources, conversion, transport, storage, and utilisation) using a broad range of tools including computer simulation and experiment.

Participation is expected in the bachelor and master programs of the study courses Energy Engineering, Chemical and Bioengineering and Computational Engineering, as well as in cooperation with other chairs of the School of Engineering and the planned Energy Campus Nuremberg.

Prerequisites for this position are a university degree, good teaching skills, a doctorate and a post-doctoral habilitation or proof of similar academic qualifications which may have been attained in specialised fields other than at a university. Successful work in industry for some years or research close to the energy industry is welcome.

Applicants must be under the age of 52 at the time of appointment. Under exceptional circumstances, the Bavarian Ministry for Higher Education, Academic Research and Art may make an exception. The University of Erlangen-Nuremberg is an Equal Opportunities Employer committed to increase the number of female academic staff. Applications from women are particularly welcome. Preference will be given to severely handicapped applicants with commensurate qualifications.

Applications should include a CV (complete with photograph), a list of publications, public lectures and degree courses taught, together with certified copies of degrees, references and relevant documents. Applications should be sent no later than July 21, 2009 (date of stamp) to: The Dean, Technische Fakultät der Universität Erlangen-Nürnberg, Erwin-Rommel Str. 60, D-91058 Erlangen, Germany.



**To place a recruitment ad in CEP contact :**

**Denise DeLuca Mallon**  
**Global Recruitment Sales Manager**  
**at 646-279-2149**  
**or [denid@aiche.org](mailto:denid@aiche.org)**

July 15 is the deadline to advertise in August CEP featuring the popular Biennial Employment and Salary Survey.

Additional recruitment vehicles include:

- ✓ Job board postings <http://www.aiche.org/postajob>
- ✓ Career fairs at AIChE Spring and Fall Conferences
- ✓ AIChE web site banner and buttons
- ✓ Banners in AIChE's weekly industry e-newsletter (SmartBrief) and monthly Institute e-newsletter (AIChExchange).