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POSITIONS OPEN

LEAD SCIENTIST WESTERN RESEARCH INSTITUTE

Western Research Institute seeks a Lead Scientist to design and conduct laboratory experiments with petroleum and asphalt. Design and assembly of experimental apparatus, chemical and physical tests, task management, proposal preparation, reports and presentations. Excellent written and oral communication skills with a PhD and 2–5 years experience in chemistry or chemical engineering or equivalent. **Submit cover letter and resume to HR, Western Research Institute, 365 N. 9th St., Laramie, WY 82072. Application review begins January 16, 2012.** WRI is an Equal Opportunity/Affirmative Action Employer.

ACADEMIC OPENINGS

FULL PROFESSOR POSITION IN THE DEPARTMENT OF CHEMICAL AND MATERIALS ENGINEERING, UNIVERSITY OF NEVADA, RENO

The University of Nevada, Reno (UNR) Department of Chemical and Materials Engineering (CME) invites applications from outstanding candidates for a faculty position at the level of Full Professor in Materials Science and Engineering. However, exceptional candidates at the Associate Professor level will also be considered. Candidates with a doctorate degree in Materials Science and Engineering, Metallurgy or Chemical Engineering will be preferred. The candidates are required to have a proven, funded research record in her/his area of

specialization. Preferred areas of research include renewable energy and energy-related materials, including but not limited to hydrogen research, batteries, solar-thermal, photovoltaics, fuel cells, and advanced materials for geothermal power. The selected candidate will also be expected to teach graduate and undergraduate courses, supervise MS and PhD students, and engage in outreach activities. Interested candidates will have an opportunity to be considered for the position of Director of the University of Nevada’s Renewable Energy Center. **Please visit (<https://www.unresearch.com/postings/9720>) for further information and to apply. All application materials should be submitted electronically to the website.** AA/EEO Women and under-represented groups are encouraged to apply.

TEXAS A&M ★ ENGINEERING

The Artie McFerrin Department of Chemical Engineering at Texas A&M University (<http://che.tamu.edu/>) invites applications for one non-tenured faculty position at the Assistant Lecturer ranking. This non-tenured faculty position requires teaching and overseeing our chemical engineering unit operations laboratory related to Chemical Engineering, and is subject to budgetary availability, student enrollment and programmatic needs; industrial experience is highly desirable. To apply, please send a curriculum vita, the names of three references and a letter of interest describing areas of expertise, highest academic degree, teaching experience, and any other relevant information to Dr. CHARLES J. GLOVER, ARTIE McFERRIN DEPARTMENT OF CHEMICAL ENGINEERING, 3122 TAMU, TEXAS A&M UNIVERSITY, COLLEGE STATION, TX 77843-3122. Applications will be considered until the positions are filled. Texas A&M University is an Equal Opportunity/Affirmative Action Employer committed to diversity. Candidates from under-represented groups are strongly encouraged to apply.

**VISIT AIChE’S CAREERENGINEER JOB BOARD FOR
ADDITIONAL EMPLOYMENT OPPORTUNITIES**
<http://careerengineer.aische.org> or
<http://www.aische.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:

- **Sr. Process Engineer** - *Gevo, Inc.*
- **Process Engineer** - *Brewer Science*
- **Manager, Production Chemistry** - *Wacker Chemical Corporation*
- **Process Engineer** - *Chevron Phillips Chemical Company LP*
- **Research Engineer/Scientist** - *Southern Company*
- **Process Engineer** - *Cogeneration Plant*
- **Project Manager, Strategic Environmental Technology** - *Owens Corning*
- **Process Safety Project Scientist/Engineer** - *Golder Associates Inc.*
- **Chemical Engineer** - *RSI Silicon Products*
- **Biofuels Project HSSE Manager** - *BP*

FACULTY OPENING

JOHNS HOPKINS UNIVERSITY

The Department of Chemical and Biomolecular Engineering at the Johns Hopkins University announces a search for faculty at the rank of assistant professor. Candidates with a focus in an energy related area, such as nanomaterials, photovoltaics, hydrogen production, storage, fuel cells, and biofuels are particularly encouraged to apply. However, exceptional candidates at any rank and in any area of chemical and biomolecular engineering will be considered. The Department seeks outstanding engineers and scientists who will create innovative, high-quality research programs that synergize with existing efforts, and who will excel at teaching and motivating talented graduate and undergraduate students. A doctorate in Chemical Engineering or a related field is required. **Candidates should submit a CV, reprints of recent papers, a statement of research interests and teaching plans, and the names of three references at: bit.ly/ujjWvB.** Review of applications will begin immediately and will continue until the position is filled. To ensure full consideration, applications should be submitted by January 31st, 2012. The Johns Hopkins University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are strongly encouraged to apply.

TEACHING TRACK APPOINTMENTS NATIONAL UNIVERSITY OF SINGAPORE

The Department of Chemical & Biomolecular Engineering at National University of Singapore invites applications for teaching-track positions at all levels. The Department is one of the largest internationally with excellent in-house infrastructure for experimental & computational research. A Masters or PhD in chemical engineering or related areas and a strong teaching track record and industrial experience are required. **Please refer to <http://www.chbe.nus.edu.sg/career/Teaching-Track.pdf> for more information on the application details. Applicants should send a full curriculum vitae and a statement of teaching interest, philosophy and methodology, and names of at least three references to: Prof. Jim Yang LEE, Head of Department (Attention: Ms. Nancy Chia, email: nancychia@nus.edu.sg).** Only shortlisted candidates will be notified.

DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING



The University of Alabama Department of Chemical and Biological Engineering invites applications for two new faculty positions at the assistant or associate level in the area of environmental and water resources engineering which are part of a focused investment by the College of Engineering in environmental research. Successful candidates will participate in the University's Environmental Institute (ei.ua.edu) whose mission is to be a national leader in research on environmental issues related to water, air, and land resources, and involves multiple departments including Chemical and Biological Engineering, Civil, Construction and Environmental Engineering, Electrical and Computer Engineering, Geology, and Biology. The successful candidate must have a balanced perspective on research and instruction at both graduate and undergraduate levels. Applicants must hold a doctoral degree in chemical engineering or a closely related field. The preferable starting date for the positions is August 2012. **Applicants must submit a resume, a statement of research and teaching interests, and a list of three references via the University of Alabama employment website (facultyjobs.ua.edu), requisition number 0806155. Questions may be addressed to the search committee at tklein@eng.ua.edu.** Review of applications will begin immediately and continue until the positions are filled. The University of Alabama is an equal-opportunity/affirmative action employer.



Worcester Polytechnic Institute

Tenure Track Faculty Full Time Chemical Engineering

The Department of Chemical Engineering at WPI invites applications for open positions starting in August 2012. Although the rank and research area are open, the department is interested in applicants with expertise that will complement our existing programs in energy and environment, bioengineering, and computational science. Successful candidates for the position should have a PhD in Chemical Engineering, and are expected to develop a vigorous, externally-funded research program, to participate in our nationally-recognized, project-based educational system, and to contribute to initiatives that will create substantial growth in our graduate program.

The Chemical Engineering Department offers both undergraduate and graduate (M.S., Ph.D.) degrees. WPI is a private, selective technological university with an undergraduate student body of 3600 and 1,400 full-time and part-time graduate students. Worcester, New England's second largest city, offers ready access to diverse economic, cultural and recreational resources of the region. Further information about WPI and the department can be accessed at: <http://www.wpi.edu/academics/che.html>.

Both junior and senior candidates are encouraged to apply. To apply, applicants should send pdf-formatted applications including curriculum vitae, a statement of research and teaching interests, and the names of three references to faculty-searchCHE@wpi.edu. Inquiries can be addressed to Dr. Terri Camesano, Chair, Search Committee, Department of Chemical Engineering, Worcester Polytechnic Institute, 100 Institute Road, Worcester, MA 01609. Review of applications will begin immediately and will continue until suitable candidates are identified.

To enrich education through diversity,
WPI is an affirmative action, equal opportunity employer.
--A member of the Colleges of Worcester Consortium--



TEXAS A&M
UNIVERSITY at QATAR

TEXAS A&M UNIVERSITY at QATAR
Chemical Engineering Program

Applications are invited for
TWO FACULTY POSITIONS

at all levels at Texas A&M University's branch
campus in Doha, State of Qatar.

Applicants for these positions must have a PhD in Chemical Engineering or a closely related field. Preferences will be given to individuals with research and teaching interests in the areas of transport phenomena, process integration and design, process safety, petroleum and gas processing but outstanding candidates with research interests in other areas of Chemical engineering will also be considered. Prior teaching experience in the USA, a strong record of published research, and experience in advising graduate students is desirable.

Applicants should send a curriculum vitae, detailed statement of research and teaching interests and arrange to have three letters of recommendation sent to Dr. Patrick Linke, Chair, Search Committee, Chemical Engineering Program, Texas A&M University at Qatar, patrick.linke@qatar.tamu.edu. The complete dossier should be forwarded as a PDF by March 1, 2012. Early applications are encouraged and will be reviewed as they are received.

We offer competitive salaries, allowances and fringe benefits including furnished housing, K-12 education for dependents, group health insurance, annual leave allowance and transportation allowance.

Texas A&M University provides equal opportunity to all persons regardless of race, color, religion, sex, national origin, disability, age or veteran status and encourages applications from members of groups under-represented in engineering. More information about Texas A&M University is available on the web at <http://www.tamu.edu> and <http://www.qatar.tamu.edu>.

ASSISTANT/ASSOCIATE PROFESSOR CHEMICAL ENGINEERING PROGRAM

The Chemical Engineering Program of the Department of Chemical, Materials and Biomolecular Engineering at the University of Connecticut invites applications for tenure-track positions at the Assistant or Associate Professor levels. Applicants must have a PhD in chemical engineering or a closely related field at the time of appointment. Equivalent foreign degrees are acceptable. Successful candidates are expected to establish and maintain an independent, nationally visible research program within the Chemical Engineering Program, and to teach chemical engineering courses at the undergraduate and graduate level. Candidates for the more senior position must have a demonstrated research and publication record and must have experience at teaching core courses in the chemical engineering curriculum. All areas of research will be considered; applicants with a background that complements existing faculty expertise in the areas of biomolecular engineering, polymer engineering and alternative energy are particularly encouraged. The successful candidate may also become an active participant in one or more of the interdisciplinary research centers at the University (e.g., the Center for Environmental Sciences and Engineering, the Biotechnology-Bioservices Center, the Institute of Materials Science, the Booth Engineering Center for Advanced Technology and the Center for Clean Energy Engineering). An interest in developing courses for distance learning will be encouraged. The successful candidate's primary academic appointment will be at the Storrs campus with the possibility of work at UConn's regional campuses across the state. Salary and rank will be commensurate with qualifications. **Please visit Husky Hire at www.jobs.uconn.edu to submit a curriculum vitae, a 5–10 page research plan, a 1–3 page teaching plan, and the names and contact information of three references.** Review of applications will start on December 1, 2011 and continue until the position is filled. Reference Search #2012187. The University of Connecticut is an EEO/AA employer.



Multiple Tenure-Track Assistant/Associate/Full Professor Faculty Positions

The Department of Chemical and Petroleum Engineering at the Schulich School of Engineering, University of Calgary invites applications for multiple tenure-track Assistant/Associate/Full Professor faculty positions in, but not limited to, the following areas:

Petroleum Engineering Process Systems Engineering Thermodynamics

The successful candidate will establish a strong research program, supervise graduate students, teach a range of undergraduate and graduate courses and attract external funding to support research.

Applicants must possess a PhD in either Petroleum or Chemical Engineering or be within 6 months of their doctoral thesis defense and be eligible for registration as a professional engineer with the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

For full posting details, please visit:

<http://schulich.ucalgary.ca/chemical/about/employment>

The review of applications will begin February 15, 2012 and continue until the position is filled.

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents of Canada will be given priority. The University of Calgary respects, appreciates and encourages diversity.

TENURE-TRACK/TENURED FACULTY POSITION IN SUSTAINABLE ENERGY

The Department of Chemical and Materials Engineering in the College of Engineering at the University of Alabama in Huntsville invites applications for a tenure-track or tenured faculty position in the area of sustainable energy with emphasis in bio-related processes. The position is open to all ranks but ideally we seek to attract an established Associate or Full Professor in this dynamic area. A complementary search in the area of sustainable energy conversion and storage is also underway in the department of Mechanical and Aerospace Engineering. Applicants should have an earned PhD in Chemical Engineering or a related discipline, and possess (a) a strong record of research scholarship and an ability to develop externally funded research programs within a collaborative environment, (b) a strong commitment to teach and mentor undergraduate and graduate students, and (c) dedication towards university and professional service. It is expected that applicants seeking either a tenured position or position at the Associate /Full Professor level will have a significant track record in all aspects of research, teaching, and service. Consideration of applications will begin immediately, and the search will remain open until the position is filled. **Application material (in pdf format) including a cover letter, curriculum vitae, contact information for at least three references, and separate statements of research plans and teaching interests, should be sent to cheseach@eng.uah.edu.** The anticipated starting date is August 22, 2012. More information can be found at www.uah.edu and www.che.uah.edu. UAHuntsville is an Affirmative Action/Equal Opportunity Employer.

THE UNIVERSITY OF MISSISSIPPI, DEPARTMENT OF CHEMICAL ENGINEERING,

having a strong undergraduate program and internationally recognized researchers, seeks to add to its faculty at the assistant professor level. Our ABET accredited, undergraduate program offers a BS degree in Chemical Engineering with emphasis areas in: Biotechnology, Materials, and Environmental. The department offers MS and Ph.D. degrees in Engineering Science. A bachelor's in Chemical Engineering with a doctorate or equivalent in Chemical Engineering or closely related field is required. All qualified candidates will be considered; however, preference will be given to candidates who meet one or more of the following criteria: Can build collaborative research programs with existing University entities such as: departments within the School of Pharmacy (pharmaceutics, etc.), The Center for Manufacturing Excellence, The National Center for Natural Products, etc.; Research interests that could be of potential benefit to the citizens of Mississippi; A demonstrated commitment to undergraduate education, such as a good teaching record at the undergraduate level, participation in the ASEE summer school, or other pedagogical training; Commitment to the development of undergraduate researchers. For more information, visit the department's web page at <http://www.engineering.olemiss.edu/chemical/> or contact Peter Sukanek, Professor and Chair of the search committee, Department of Chemical Engi-

neering, University of Mississippi, University, MS 38677. **Applicants must apply online at www.jobs.olemiss.edu, attaching the following documents: a letter of application; CV; a statement of research interests; a statement of teaching philosophy and/or teaching portfolio; and a list of at least five references with email addresses.** Review of applicants will begin no later than January 16, 2012. Applications and nominations will be accepted until the position is filled. The University of Mississippi is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA employer.

AMERICAN UNIVERSITY OF BEIRUT ASSISTANT/ASSOCIATE POSITIONS IN CHEMICAL ENGINEERING

The Faculty of Engineering and Architecture at the American University of Beirut invites applications to fill several faculty positions in Chemical Engineering at the Assistant and Associate professor ranks. Applications in all research areas will be considered, specifically candidates with expertise in core Chemical Engineering subjects (Thermodynamics, transport phenomena, reactor engineering, separation processes, and process control and optimization), environmental, energy, biomolecular and nanoscale systems, or bioprocessing. Applicants must have a PhD degree in Chemical Engineering, preferably with postdoctoral or industrial experience. At least one degree must be in chemical engineering. The applicant is expected to have a leading role in maintaining strong undergraduate and graduate programs, to pursue vigorous research and attract external funding. Salary is commensurate with education and experience. Applications will be reviewed on a rolling basis until the positions are filled. Applicants are invited to submit a complete resume, a brief statement of their interests that includes their vision on teaching and research, and the names of at least four references with their detailed addresses. **The complete application should be sent to: Dean, Faculty of Engineering and Architecture, American University of Beirut, email: fea@aub.edu.lb, P.O. Box 11-0236, Riad El-Soh, Beirut 1107-2020, Lebanon.** Information on the Faculty of Engineering and Architecture in AUB can be found at www.aub.edu.lb/fea/. The American University of Beirut is an Affirmative Action/Equal Opportunity Employer. AUB's home page is at www.aub.edu.lb.

TO PLACE A RECRUITMENT AD CONTACT:

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



Assistant Professor Position

The Department of Chemical Engineering at McGill University invites applications for a tenure-track appointment at the Assistant Professor level. We are seeking applicants with a background in Chemical Engineering and conducting research in Biochemical Engineering; however, exceptional candidates in Catalysis, Energy, or other areas of Chemical Engineering will also be considered.

McGill University is a research intensive university with a distinguished history in Engineering, Medicine, and Science. In addition to developing a strong, independent research program, the candidate will be expected to participate in teaching Chemical Engineering courses at the undergraduate and graduate levels. Applicants must hold a doctoral degree and demonstrate evidence of outstanding potential for teaching and research. The successful candidate will join a high-profile, dynamic department of sixteen tenured and tenure-track professors.

The Department of Chemical Engineering has an undergraduate B.Eng. program with approximately 400 students and approximately 100 graduate students completing M.Eng. and Ph.D. degrees. The Department offers an excellent infrastructure for both teaching and research. More information about the Department and McGill University can be found at: <http://www.mcgill.ca/chemeng/>. Applications will be reviewed as they are received. The Department intends to fill the position by October 1, 2012. Please send a resumé, the names and addresses of three references, and a brief research and teaching plan to:

Professor Richard L. Leask
Chair, Faculty Search Committee
richard.leask@mcgill.ca

McGill University is committed to equity in employment and diversity. It welcomes applications from indigenous peoples, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations and gender identities and others who may contribute to further diversification. All qualified applicants are encouraged to apply; however, Canadians and permanent residents will be given priority. Salary will be negotiated according to qualifications and experience. Membership, or willingness to become a member, in a Canadian professional engineering association is required.

Please reference the source of the ad.