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ACADEMIC OPENINGS

TENURE-TRACK POSITION IN ENERGY

The Villanova University College of Engineering seeks applications for a tenure-track position in emerging energy topics. Candidates will take a leadership role in interdisciplinary energy/sustainability research and participate in the MS in Sustainable Engineering program with a primary appointment to one of the four departments (ME, CEE, ChemE, ECE). Appointments will be considered at all academic levels. Research areas of interest include sustainable energy sources, sustainable energy infrastructure, and sustainable energy materials and technologies. Applicants must have a PhD in an appropriate discipline, a commitment to engineering education, and a proven ability to develop and maintain a funded research program. The College of Engineering <http://www.villanova.edu/engineering/> has 930 undergraduate/350 graduate students, and offers BS, MS and PhD degrees. From its founding in 1842 to its position today as a leading Catholic university, Villanova University has forged a path of academic excellence. The Villanova University campus in the Philadelphia metropolitan area offers an ideal location. **Applications should be submitted to: <http://jobs.villanova.edu> and include a cover letter, resume, statement of research and teaching experience, and the names and contact information of three references.** Villanova is an Affirmative Action/Equal Opportunity Employer. We are committed to building a diverse faculty and strongly encourage applications from women, minorities, and individuals with disabilities.

TEXAS A&M UNIVERSITY - QATAR CHEMICAL ENGINEERING PROGRAM

Applications are invited for two chemical engineering faculty positions at all levels at Texas A&M University's branch campus in Doha, State of Qatar. Texas A&M University at Qatar is a partnership with Qatar Foundation. Now entering its sixth year of operation, Texas A&M at Qatar offers Bachelor of Science degrees in Chemical, Electrical and Computer, Mechanical, and Petroleum Engineering. The degree programs are identical to those of the main campus at College Station, Texas. A Texas A&M University diploma is awarded to graduates. A new, state-of-the-art engineering building for teaching and research opened in 2007. Texas A&M at Qatar is committed to provide a holistic experience to our students and faculty that includes exposure to cutting-edge research. Applicants for these positions must have a Ph.D. in Chemical Engineering

or closely related field. Preferences will be given to individuals with research and teaching interests in the areas of process integration and design, process safety, petroleum and gas processing, environmental engineering, and thermodynamics, but outstanding candidates with research interests in other areas of chemical engineering will also be considered. Prior teaching experience in USA and familiarity with ABET accreditation is desirable. We offer competitive salaries and summer funding is guaranteed. Liberal allowances for professional travel and for relocation to Qatar are provided. Fringe benefits include free furnished housing in one of several gated communities, K-12 education for dependents, group health insurance, annual leave allowance, and a car allowance. **Applicants should send curriculum vitae, detailed state-**

ment of research and teaching interests, and arrange to have letters of recommendation sent to: Dr. Dragomir Bukur, Chair, Texas A&M at Qatar CHEN Search Committee, Artie McFerrin Department of Chemical Engineering, Texas A&M University, College Station, Texas 77843-3122, dragomir.bukur@qatar.tamu.edu. Call (979) 862-3985 for additional information. The complete dossier should be received by March 31, 2010. Early applications are encouraged since applications will be reviewed as they are received. Texas A&M University is an equal opportunity employer. The University is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment and strongly encourages applications from women,

Whitacre Chair in Energy Science and Engineering

The Department of Chemical Engineering at Texas Tech University is actively seeking to fill the endowed Whitacre Chair in Sustainable Energy. Candidates for the position will be exceptional individuals whose research areas are aligned with the university goals of creating a strong multi departmental research base in Sustainable Energy at Texas Tech University. The selected individual will be an internationally recognized leader in his or her field as demonstrated by such metrics as the peer reviewed publication and citation records, national recognitions such as major awards or fellowships in technical societies, and a strong track record of competitive research funding. The Department of Chemical Engineering at Texas Tech University has embarked on building a nationally recognized research-intensive department with strengths in Polymers and Materials, Bioengineering and Biotechnology, Computational Chemical Engineering, and Process Systems and Engineering. The candidate is expected to expand the research portfolio of the department into Sustainable Energy. The position is an Endowed Chair at the level of Full Professor and incumbents will be expected to participate in research service and teaching at this level. It is anticipated that successful candidates will have very strong records of scholarship supported by extramural funding and that externally sponsored research will be brought to Texas Tech University. Interested candidates should apply online at <https://jobs.texas-tech.edu/>. Please use requisition number **80764**. Interested candidates should include a detailed CV, a research statement, and a list of five referees. For further information, please contact the search committee chair, Dr. Raghu Rengasamy at raghu.rengasamy@ttu.edu.

Texas Tech is an Equal Opportunity Employer

minorities, individuals with disabilities, and veterans. More information about Texas A&M University is available on the web at <http://www.tamu.edu> and <http://www.qatar.tamu.edu/>. The University is responsive to the needs of dual career couples. 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.

UNIVERSITY OF WASHINGTON FACULTY POSITION ENDOWED PROFESSORSHIP IN BIORESOURCE ENGINEERING — ASSISTANT PROFESSOR

The School of Forest Resources and the Department of Chemical Engineering invite applications for a full-time (100% FTE) tenure-track faculty position to begin Autumn 2010. The position is at the Assistant Professor level. This is a joint faculty position with shared appointments in Chemical Engineering and the Bioresource Science and Engineering program of the School of Forest Resources. Applicants with expertise in the production of fuels and chemicals from biomass will be considered. Preference will be given to candidates with demonstrated capabilities in the areas of catalysis for conversion of biomass to fuels and chemicals. A Ph.D. in applied chemistry, chemical engineering, mechanical engineering or other closely related field is required. University of Washington faculty engage in teaching, research, and service. This position is supported by an endowed professorship from the Weyerhaeuser Company Foundation. The position requires building on the professorship to develop a strong, externally funded research program. **Applicants should submit a packet including: letter of application, curriculum vitae, description of research accomplishments, statement of research interests and plans, statement of teaching interests, and names and contact information of at least 3 professional references. Applications must be submitted to biofuels@uw.edu.** A full position description is located at <http://www.washington.edu/admin/acadpers/employment.html>. Please contact Rick Gustafson, Professor and Search Committee Chair, at pulp@u.washington.edu, with questions or for additional information. The position will remain

open until filled. Review of applications will begin April 1, 2010. The University of Washington is building a culturally diverse faculty and staff and strongly encourages applications from women, minorities, individuals with disabilities, and covered veterans. The University of Washington is an affirmative action, equal opportunity employer.

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:

- Environmental Protection Specialist – US EPA
- Chemical Engineering Model/Software Developer – OLI Systems
- Polymer Scientist – Carestream Health, Inc.
- Pilot Plant Process Engineer – Evonik Degussa Corporation
- Process Engineer – Monsanto
- Chemical Process Engineer – Dyno Nobel Americas
- Maintenance Execution Superintendent – BP
- Continuous Improvement Engineer – Wellman Products Group
- Chemical Engineer – Applied Catalysts
- Senior Supervisor, Process Engineering – Agrium

While on the site, be sure to upload your resume FREE for employers to view and contact you.

The Ohio State University



Senior Research Associate/ Project Manager

THE OHIO STATE UNIVERSITY, William G. Lowrie DEPARTMENT OF CHEMICAL & BIOMOLECULAR ENGINEERING invites applications for a Senior Research Associate/Project Manager position. We are seeking highly qualified candidates that can function as technical experts in the area of Clean Coal Conversion. Candidates should be able to supervise and review the work of post doctoral researchers and graduate research associates and instruct in methods and procedures necessary to achieve desired goals. The position will involve conducting detailed, complex scientific experimentation in Clean Coal Conversion, coordinating with industrial partners to obtain required materials, being responsible for the extraction, analysis and presentation of experimental data, writing, editing and approving progress reports, technical reports and journal articles and ensuring that the project spending is in accordance with the project budget. A Ph.D. in engineering or an equivalent combination of education and experience is required. Also required is extensive experience in the Clean Coal process. Desired qualifications include extensive experience in chemical process research and development, pilot plant design, testing, construction, and plant start-up, coal or natural gas combustion, experience in the reforming or gasification industry, and working with and coordinating design engineers, equipment vendors, graduate students, researchers, and industrial partners. This position is contingent on performance and funding.

Applicants can submit CV and Cover Letters to:

**Zhenchao Sun, 421 Koffolt Laboratories, 140 W Nineteenth Ave,
Columbus, OH 43210. Email: sun.230@osu.edu**

Application Deadline is April 15, 2010.

To build a diverse workforce Ohio State encourages applications from individuals with disabilities, minorities, veterans and women. EEO/AA employer.

ExxonMobil

Taking on the world's toughest energy challenges.™

MEMBER OF THE TECHNICAL STAFF

NOVEL CATALYTIC CHEMISTRY AND ENGINEERING

ExxonMobil Research and Engineering Co., a wholly owned subsidiary of Exxon Mobil Corp., has an immediate opening for a Member of the Technical Staff at its Corporate Strategic Research laboratory in Clinton, NJ.

Candidates are sought to fill a research position in the area of Novel Catalytic Chemistry and Engineering. A strong background in discovering and understanding novel catalytic processes is essential. The successful candidate will discover and develop new catalytic processes by performing reactive and physical characterization of catalytic materials and by establishing a detailed understanding of conversion pathways and the methods for their control. Although the primary application fields are related to the production and conversion of hydrocarbons and petrochemicals, the fields of interest also include biofuels, environmental protection, and energy production and storage. Experience with catalytic materials, such as metal oxides/sulfides, supported metals, zeolites and other porous active materials and their applications, is preferred.

The successful candidate will be expected to develop and demonstrate scientific leadership, build strong and productive collaborations internally and with outside research organizations, and contribute to internal and external scientific publications. Excellent communication skills are essential, as collaboration with other science areas, such as materials science, advanced characterization and process engineering, is critical for success. A Ph.D. in chemical engineering, materials science or chemistry is required. Candidates at all levels of experience will be considered. Demonstrated track record in discovering novel catalytic processes and a good understanding of the challenges in refining and petrochemicals are a plus.

ExxonMobil offers a competitive compensation and benefits package and a broad range of career opportunities. Please submit your application letter and resume to our website at www.exxonmobil.com/ex and apply to Novel Catalytic Chemistry and Engineering.

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