

## EMPLOYMENT

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### POSITIONS OPEN

#### THE UNIVERSITY OF TULSA RESEARCH ASSOCIATE/SENIOR RESEARCH ASSOCIATE

Department of Petroleum Engineering

The Tulsa University Drilling Research Projects invites applications for a Research Associate/Sr. Research Associate. The selected candidate will work under general supervision of the Director of Drilling Research Projects on diversified projects related to drilling fluids and mechanics that are sponsored mostly by oil and gas industry.

Minimum qualifications include a Ph.D. in Petroleum, Chemical, or Mechanical Engineering or a closely related field and a proven record of publication or other research achievements. Preference will be given to candidates with good knowledge of fluid and solids mechanics and, in particular, flow of compressible fluids, non-Newtonian fluids and heat transfer. Applicants should have experience with flow loops, data acquisition systems and a strong interest in experimental development and theoretical modeling. Applicants should also possess excellent written and verbal communication skills for writing technical papers/documents and interacting with students and industrial/government representatives.

The University of Tulsa is an EEO/AA employer. Applications will be considered until the position is filled. To receive full consideration, interested individuals should submit a cover letter; resume; and the names, addresses, and telephone numbers of at least three references to:

The University of Tulsa  
The Office of Personnel Services  
800 South Tucker Drive  
Tulsa, OK 74104-3189  
FAX: (918)631-2110

Petroleum Engineering  
FULL PROFESSOR OR  
ASSOCIATE PROFESSOR  
OF PETROLEUM ENGINEERING  
MISSOURI UNIVERSITY OF SCIENCE  
& TECHNOLOGY—ROLLA

Missouri University of Science and Technology (formerly University of Missouri – Rolla) is a one of the top technological research universities in the nation, and is well known for its focus on academics, hands-on learning, undergraduate research and innovative programming. The university has experienced a 33% growth in enrollment, while maintaining an average freshmen student body ranked in the top 10% nationally.

As a result of this growth, the Department of Geological Sciences and Engineering at Missouri S&T invites applications for a faculty position in Petroleum Engineering. We seek an individual with a well-established, internationally recognized program of research and scholarly activities appropriate for an appointment at the full professor level or possibly at the associate professor level with the potential to be appointed at the full professor. Strong candidates at the associate professor level with accomplishments sufficient to be appointed at the rank of professor at the

### **NED UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI**

DEADLINE FOR APPLICATIONS: 31st August, 2008  
ORGANIZATIONAL UNIT: Department of Petroleum Engineering  
DUTY STATION: NED University of Engineering & Technology  
VACANCY ANNOUNCEMENT NUMBER: One  
Contract Period: Initially for two years

#### **Join as Professor on PPL Chair**

Challenging Opportunity at NED University of Engineering & Technology, Karachi, Pakistan.

The University is on the look for a highly self-motivated and result oriented individual to pursue a challenging career on the PPL Chair with the following responsibilities:

- Maintain undergraduate and postgraduate programmes in line with those of leading international universities and update the programmes according to the requirements of the petroleum industry.
- Strengthen research infrastructure of the department for research work of direct interest to the department as well as donors whom the occupant of the Chair has to cultivate and convince.
- Stimulate innovative appropriate research through development of an appropriate research laboratory.
- Develop strong linkages with the Petroleum Industry.

#### **Education & Work Experience:**

Minimum qualifications required for the PPL Chair are:

- Doctorate degree in the field of Petroleum Engineering but not necessarily first Degree in Petroleum Engineering.
- Clear evidence of individual and collaborative research through significant publications and / or patents.
- Distinguished record of research, academic and related accomplishments.
- Strategic vision for developing Research Programmes of International Standard.
- Capability to integrate undergraduate and graduate programmes into industrial partnerships, while adding to existing strengths of the University.
- Proven leadership ability with experience in project supervision, strategic planning and implementation.

The applicant could be either foreign national or an expatriate Pakistani regardless of gender and age.

#### **Remuneration:**

- i) \$4000/- per month as salary
- ii) \$4000/- as one time accommodation expenses after completion of one year service
- iii) \$2000/- per annum as travelling assistance

#### **How to Apply:**

Applications / nominations along with detailed CVs, lists of publications, copies of Bachelors, Masters and Doctoral degrees and a one-page Statement of Envisaged Research Activities should be sent on or before 31-08-2008 on the following address:

Engr. Javed Aziz Khan  
Registrar

NED University of Engineering & Technology, University Road, Karachi - 75270, Pakistan  
Telephone: 9261261-8 Fax: (92-21) 9261255

E-Mail: [registrar@neduet.edu.pk](mailto:registrar@neduet.edu.pk), Website: <http://www.neduet.edu.pk>



## Faculty Positions in Computational Earth Sciences & Engineering

The KAUST—UT Austin Academic Excellence Alliance, a partnership between the King Abdullah University of Science and Technology (KAUST) and the Institute for Computational Engineering and Sciences (ICES) at The University of Texas at Austin, invites applications for faculty positions at KAUST within the area of **Computational Earth Sciences and Engineering**. We seek outstanding scientists to fill at least 10 faculty positions across all ranks (assistant, associate, and full professor) at the new KAUST campus on the Red Sea in Thuwal, Saudi Arabia.

KAUST (<http://www.kaust.edu.sa>) is being established as a world-class international graduate-level science and technology research university dedicated to inspiring a new age of scientific achievement in the Kingdom that will also benefit the region and the world. The KAUST mission emphasizes research on applications of science and technology to problems of human need, social advancement, and economic development, in collaboration with leading universities around the world. KAUST is dedicated to a respect for diversity and the highest standards of merit-based opportunity, and seeks the finest students and faculty without regard to nationality, gender, or religious belief.

KAUST is an independent university that is governed by a self-perpetuating Board of Trustees and supported by a multi-billion dollar endowment. It reinvents the modern research university by establishing advanced research institutes that focus on interdisciplinary problems as the central organizing unit, and offering only graduate (M.S. and Ph.D.) degrees. The four initial research institutes are: Resources, Energy and Environment; Biosciences and Bioengineering; Materials Science and Engineering; and Applied Mathematics and Computational Science. KAUST's new 36 million square meter state-of-the-art campus in Thuwal (80km north of Jeddah) will open its doors to students in Fall 2009. The campus includes a seaside town with housing, shops, schools, and numerous recreational amenities.

The KAUST—UT Austin Alliance was formed to help build a research program at KAUST in Computational Earth Sciences and Engineering. Research areas of interest include modeling and simulation in seismology and geophysics; subsurface flow and transport; geomechanics; carbon sequestration; hydrology and water resources; geochemistry; climate, ocean, and earth systems; and reservoir and regional environmental systems, in addition to advanced mathematical and computational techniques for the earth sciences, including multiscale modeling and discretization, parallel solvers, inverse problems, data assimilation, image processing, and uncertainty quantification. The Academic Excellence Alliance will facilitate collaboration among faculty, researchers, and students at the two universities via short- and long-term visits and support for collaborative research projects between KAUST faculty and UT faculty from ICES, the Jackson School of Geosciences, and the Cockrell School of Engineering. In particular, KAUST faculty will have the opportunity to spend up to a year in residence as Visiting Fellows at UT-Austin prior to the opening of the campus in 2009.

We are seeking faculty with an ability to build world-class research programs, depth in one or more of the above earth science areas as well as in mathematical and computational techniques, interests in conducting research on interdisciplinary societal problems in a collaborative environment, and an ability to teach graduate courses in fundamental earth science areas as well as in computational methods. Applicants must have a PhD in earth sciences, engineering, applied mathematics, computational science, or a related field.

The unrivaled resources available to KAUST faculty—including security of research funding, state-of-the-art laboratories, petascale computing facility, assured support for graduate students, postdocs, and technicians, generous travel allowances, and world-class salaries and benefits—offer the opportunity to focus on building leading research programs without the uncertainties and overheads experienced elsewhere. To apply for a faculty position, please send a cover letter, curriculum vitae, statements of research and teaching experience and interests, and contact information for at least four references to [kaust-aea@ices.utexas.edu](mailto:kaust-aea@ices.utexas.edu). Review of applications will begin immediately, and will continue until all positions are filled. Questions may be directed to Professor Omar Ghattas, Director of the KAUST—UT Austin AEA, at the above e-mail address.

time of appointment and commensurate with the potential to ultimately chair the combined department will also be considered. The candidate selected will be expected to provide leadership integrating the expertise of reservoir engineering into reservoir models, in support of our broader theme of Mechanical Earth Modeling. The successful candidate will have the opportunity and responsibility to define the future directions of the Department's reservoir engineering research mission and its graduate education program. Preference will be given to expertise in reservoir engineering but other technical specialties will be considered.

The candidate must have an earned doctorate degree in Petroleum Engineering or a closely related discipline, and must be qualified to teach core undergraduate and graduate petroleum engineering courses. A demonstrated ability in superior communication, interpersonal skills, and leadership, as well as the ability to motivate and inspire students are also required attributes. Prior industrial experience and professional registration is preferred, but not required.

The Petroleum Engineering program at the Missouri University of Science & Technology is ABET accredited and offers degrees at the BS, MS and PhD levels. The Department currently has 17 full-time faculty with established BS, MS and PhD programs in Geological Engineering, Geology and Geophysics, and Petroleum Engineering. This unique combination of disciplines offers synergies for collaborative research and provides a broad spectrum of opportunities for preparing future leaders in petroleum engineering. Additional information can be found at: <http://gse.mst.edu/>.

To apply, submit a complete and detailed resume including industry and academic experience and a statement of professional goals, contact information for three or more references. Applications will process beginning June 1st, 2008. To apply, please submit your application and vitae to:

Human Resource Services  
([hinfo@mst.edu](mailto:hinfo@mst.edu))  
REFERENCE NUMBER 30864  
Missouri University of Science  
and Technology  
113 University Center  
Rolla, MO 65409-1050

## POSTDOC JOB ANNOUNCEMENT

The University of Wyoming (UW) invites applications for 3 post doctoral positions in a DOE-funded research project on carbon sequestration in southwestern Wyoming. Each position (details below) starts Sept 1, 2008 with an annual stipend of \$48,000 plus benefits. The project is funded for 1 year. Multiple PIs from UW Departments of Geology and Petroleum Engineering are funded. Besides working with supervising faculty, the postdocs will have excellent opportunities to interact with others who study the same site using complementary approaches.

**GIS Specialist:** Tasks include compilation of hydrocarbon well data (location, depth, formations penetrated, completion status) and available well logs into a GIS database. Interested candidates should send an application to Dr. James Myers at [magma@uwyo.edu](mailto:magma@uwyo.edu).

**Structural Geologist:** Tasks include using Petrel and ECLIPSE software to 1) conduct analysis of seismic and well log data to create a three-dimensional subsurface model; 2) generate structure contour maps and fault network model

for the sequestration horizons; 3) determine fracture density/orientation within the storage reservoirs and sealing horizons using core, FMI logs, and outcrops. Interested candidates should send an application to Dr. Erin Campbell-Stone at [erincs@uwyo.edu](mailto:erincs@uwyo.edu).

**Numerical Modeler:** Tasks include using Petrel and ECLIPSE software to 1) create three-dimensional earth models using geological characterization and numerical upscaling; 2) conduct simulations to generate prediction envelopes of CO<sub>2</sub> migration. Experience in building/simulating numerical models is required. Programming skill is desired. Knowledge in integrating geological/engineering data types is a plus. This particular position is funded for 2 years. Interested candidates should send an application to Dr. Ye Zhang at [y Zhang@uwyo.edu](mailto:y Zhang@uwyo.edu)

The application should include a CV, a one-page statement of interest, and names and contact information of three references. Application review begins immediately and will continue until the position is filled. Responses received by Aug 2008 will be given priority consideration. UW is an affirmative action/equal-opportunity employer.

## SITUATIONS WANTED

PETROLEUM ENGINEER / Wall Street. Inventor & Patent Holder in Injected Liquid Oxygen/Injected Water-Liquid Oxygen Mixture Injection Processes & New Hydrolyzed PTFE (Teflon R) Motor Oil, which allows for Continuous Combined Cycle (Steam Engine—Internal Combustion Engine) operation, achieves optimal fraying surfaces dimension by coating. Two SPE papers, BSChE University of Arizona, 8 patents (welding/petroleum/lubrication). Worked as a journalist. Liquid oxygen injection (contour profile control in flooding, stimulation, reservoir definition, etc) for +20 years. Language & work experience in Chinese (7 years), Arabic, Spanish, Norwegian, and Russian. Certified Welding Inspector (CWI). Expert in underwater welding. Registered representative inactive with SEC. Graduate of marine diving school and worked in the management of the company with world largest diving contract. Computer (Vista, XP, Excel, Power Point, internet) +10 years. **Code 996**



## THE PETROLEUM INSTITUTE ABU DHABI, UNITED ARAB EMIRATES

**Institution:** The Petroleum Institute (PI) was created in 2001 with the goal of establishing itself as a world-class institution in engineering education and research in areas of significance to the oil and gas and the broader energy industries. The PI's sponsors and affiliates include Abu Dhabi National Oil Company and four major international oil companies. The campus has modern instructional laboratories and classroom facilities and is now in the planning phase of three major research centers on its campus. The PI is affiliated with the Colorado School of Mines, the University of Maryland (College Park), and Leoben and Linz Universities. PI is in the process of developing future working relationships with other major universities and research institutions around the world to capitalize on joint research areas of interest. For additional information, please refer to the PI website: [www.pi.ac.ae](http://www.pi.ac.ae).

### PETROLEUM ENGINEERING POSITIONS

The Petroleum Institute in Abu Dhabi is seeking applications in Petroleum engineering for the following positions:

**Faculty at all levels**  
(Chaired and Distinguished Professor,  
Professor, Associate Professor, Assistant Professor)  
Research Associate  
Research Assistant  
Lab Engineer  
Lab Technician  
IT Engineer  
Post Doc Fellows

Candidates are encouraged to submit applications at the earliest convenience. Review of applications begins upon receipt and positions remain open until successfully filled.

Details are available on PI-web site: <http://www.pi.ac.ae/jobs>

## MID-CONTINENT ACCOUNT MANAGER

Saint-Gobain Proppants, formerly Norton Proppants, has an immediate opening for an Account Manager to be located in Oklahoma. Ideal candidate will have a BS, preferably in Engineering with a minimum of 2 years experience in oilfield services, production or operations. Candidate must have knowledge of fracture treatment design and operations.

Position will promote and market ceramic proppants and provide technical service to all levels of oilfield service companies and oil & gas producers through direct contact. Individual must be a self-starter and highly motivated. Some travel required.

Position includes a competitive salary, company vehicle, benefits package and incentive plan. If you qualify, send or email your resume in confidence to:

Donna Waldrop  
Saint-Gobain Proppants  
5300 Gerber Road  
Ft. Smith, AR 72904  
[Donna.waldrop@saint-gobain.com](mailto:Donna.waldrop@saint-gobain.com)

Equal Opportunity Employer M/F

SAINT-GOBAIN  
PROPPANTS