



SAUDI ARAMCO CHAIR IN EXPLORATION GEOPHYSICS

Earth Sciences Department

King Fahd University of Petroleum & Minerals

The Earth Sciences Department at King Fahd University of Petroleum & Minerals (KFUPM) in Dhahran, Saudi Arabia is seeking a candidate to hold the Saudi Aramco Chair in Exploration Geophysics. The main objective of this new position is to enhance the teaching and research capabilities of KFUPM and to strengthen the ties between Saudi Aramco and KFUPM researchers.

The Chair holder will be an Exploration Geophysicist of international standing. He will work in close cooperation with the geoscientists of the Earth Sciences Department whose present research interests cover seismic and potential field methods, as well as sedimentary, petroleum, and economic geology. The Chair holder will have a close working relationship with Saudi Aramco experts in order to develop innovative technologies in the field of Exploration Geophysics.

The successful candidate will have proven expertise in, and a record of original contributions to, one or more of the following areas:

- Near-Surface Petroleum Seismology including static corrections and surface waves
- Reservoir Geophysics including passive seismic and seismic for drilling hazards
- Seismic Imaging including anisotropy
- Multiple Suppression including data-driven and model-driven techniques

The Chair holder shall:

- Conduct scientific research in Exploration Geophysics
- Participate in teaching activities in his area of specialization
- Offer consultancy services to Saudi Aramco, KFUPM Earth Science Department researchers, and graduate students on a regular basis
- Organize in-house training programs, short courses, and seminars for Saudi Aramco
- Report to the Chairman of the Earth Sciences Department, and maintain a significant degree of involvement at KFUPM.

The position is offered on the basis of a renewable three-year contract. It is full-time and offers a competitive salary and all the applicable benefits of a KFUPM faculty member. Salary and benefits will be determined based on the past contributions of the applicant to various fields of Exploration Geophysics.

The Earth Sciences Department at KFUPM offers majors in both geology and geophysics. In addition to the BS programs in both geology and geophysics, the Department offers MS programs in geology, geophysics and environmental sciences. The primary goal of the Department's programs is to graduate professional geoscientists who can contribute effectively to their respective fields of specialization. The Department has a variety of teaching and research laboratories including mineralogy, X-ray diffraction, scanning electron microscopy, paleontology, geochemistry, geophysics, rock magnetism, and reservoir characterization. Geophysical equipment includes a 96-channel GEODE seismograph, a ground-penetrating radar system, a micro-gravity meter, several magnetometers, and an electrical resistivity system.

Interested persons should send their application material to the following address:

Chairman, Earth Sciences Department

King Fahd University of Petroleum & Minerals

KFUPM Box 5070, Dhahran 31261, Saudi Arabia

Tel: (+966)-(3)-860-2620, Fax: (+966)-(3)-860-2595

E-mail: c-es@kfupm.edu.sa, Department Website: <http://www.kfupm.edu.sa/es/>.