

Exploration seismology Associate Professor, Professor or Chair Professor

King Fahd University of Petroleum & Minerals, College of Petroleum Engineering & Geosciences (CPG), Department of Geosciences invites applications for a full Professor or Chair Professor position in the field of exploration seismology, with an emphasis on Full Wavefield Inversion (FWI) and/or seismic imaging and/or wave propagation, to begin as early as August 2021. We seek an outstanding individual to boost the Department's reputation for cutting-edge research and dedicated teaching.

The Department has a strong tradition and international reputation in applied undergraduate and graduate education and offers accredited B.S., M.S., and Ph.D. degrees in geology and geophysics. The Department has 19 full-time faculty, 3 lecturers, five post-docs, five supporting staff, and approximately 63 undergraduate majors and 64 graduate students. Programs are enhanced through close collaboration with the Department of Petroleum Engineering within the College and with other departments on campus. Information about KFUPM, CPG, and the Department can be found at <http://cpg.kfupm.edu.sa>.

Responsibilities: The successful candidate will be expected to develop a strong and vibrant research program and enhance their international reputation through publication, in addition to teaching at the graduate level, directing graduate research, and supervising thesis projects.

Qualifications: Candidates must possess a doctoral degree with an emphasis on exploration seismology methods such as FWI and seismic imaging. The successful candidate will have demonstrated success, high-quality research and scholarship. Research interests should complement and support existing campus programs, and candidates with connections to industry research groups in the domain of FWI and seismic imaging are desired. Applicants should demonstrate the potential for successful teaching and possess strong interpersonal and communication skills. Preference will be given to applicants who can teach graduate courses in wave propagation, seismic signal analysis and imaging and FWI.

Compensation: Salary and benefits will be commensurate with qualifications and experience. KFUPM and CPG provide an attractive benefits package including free on-campus housing, fully paid health insurance, dependent education aid, and paid tickets for annual repatriation holidays. The annual contract includes two months of paid summer holiday.

How to Apply: Applicants must send a letter of interest, a curriculum vitae, a statement of teaching and research accomplishments and goals, and the names and contact information for a minimum of three references to: College of Petroleum Engineering & Geosciences, Human Resources Office, KFUPM, Dhahran 31261, Saudi Arabia. Preference is for email submissions to hr-cpg@kfupm.edu.sa. Applications will be received starting February 7, 2021; the application closing date is May 15, 2021.

Further Information: Further questions by qualified potential applicants can be addressed to Prof. Peter Mora, peter.mora@kfupm.edu.sa.