

Faculty of Engineering Science and Technology
Department of Petroleum Engineering and Applied Geophysics

Professorship/Qualification fellowship in Applied Geophysics (Engineering and environmental geophysics) – the Professorship/fellowship is for women only.

Department of Petroleum Engineering and Applied Geophysics in the Faculty of Engineering Science and Technology, at the Norwegian University of Science and Technology (NTNU) announces a vacant professorship/Qualification fellowship in Applied Geophysics.

The Department has at present 19 professors, 3 adjunct professors and 40 research fellows. The Department has the responsibility for the following disciplines: Drilling Engineering, Production Engineering, Reservoir Engineering and Applied Geophysics.

The Professorship will have a particular responsibility for teaching and research in the fields of Engineering and Environmental Geophysics, i.e. data acquisition, processing and interpretation of geophysical data related to investigations of the very upper part of the earth crust for geotechnical, environmental or resource mapping purposes.

Under otherwise equal circumstances in the evaluation of candidates, preference will be put on qualifications in electrical or electromagnetic methods within applied geophysics. The professorship will have a particular responsibility for teaching and research within these fields.

The position may alternatively be defined as a qualification fellowship for a period of 3 years. The fellowship must be used for obtaining qualifications for this professorship. There are normally no compulsory tasks linked to such appointments, but if there should be a need for it at the Department, specific duties can be stipulated. If this eventuality makes it difficult for the fellow to obtain professorial qualifications within the period of the fellowship, the Senate (University board) can extend the fellowship period, but this cannot exceed a 3.5-year total period for the position.

At the end of this period of appointment, the candidate has the right to be evaluated for permanent employment as a professor prior to a new announcement being made for the vacant professorship.

The successful applicant must be able to document his/her extensive qualifications in important fields within the discipline. His/her individual work must document scientific expertise in one or more parts of the discipline, particularly within the specialist fields where the Professorship has a particular responsibility. Weight will be placed on the ability to supervise and initiate research and development work. It is necessary that applicants who apply for Qualification fellowship hold a doctor's degree in Geophysics, Physics or Electrical Engineering.

Pedagogical qualifications will be emphasized. The evaluation of the candidate will be based on documented pedagogical material, including pedagogical education/training, the presentation of academic work, experience from supervising masters-level students and doctoral candidates, and teaching as well as other pedagogical matters. The evaluation will consider both the quality and the scope.

Academic staff who are employed without having a formal pedagogical qualification in university-level teaching and are unable to document equivalent qualifications, are required to successfully complete a recognized course that gives a pedagogical qualification in university-level teaching with two years of taking the appointment. The University offers such courses. The applicants that have

been short-listed will be invited for interviews and a demonstration of their pedagogical ability, usually in the form of a trial lecture.

The Professor is to be jointly responsible for disciplinary matters together with other academic staff in the Department. The Professor is required to participate in teaching activities in accordance with the relevant curriculum and assist in further developing the teaching programme, including continuing education. The Professor is to supervise masters students, research fellows and doctoral candidates in his/her discipline. The Professor must agree to participate in administrative work.

The Professor is obliged to follow the regulations that concern changes and developments within the discipline and/or the organizational changes concerning activities at the University.

It is assumed that newly-employed staff in academic positions who do not already master a Scandinavian language are to obtain within three years knowledge of Norwegian or another Scandinavian language at an equivalent standard to level three in the Norwegian for Foreigners courses provided at the Department of Applied Linguistics. The University provides such courses.

The appointment is to be made in accordance with the regulations in force concerning State Employees and Civil Servants.

The position is remunerated according to wage levels 60 to 77 on the Norwegian State salary scale, with gross salary from NOK 395 831 to NOK 559 831 a year. (Professorships are normally remunerated at wage level 60.)

For further details about the Professorship, send an e-mail to Oleb@ipt.ntnu.no. Applicants are asked to give an account of their pedagogical qualifications according prepared guidelines ("Documentation of an applicant's pedagogical qualifications") which can be obtained from following address on internet:

http://www.ntnu.no/administrasjon/avdelinger/personal/momentliste_ped_kval_e.html.

Each applicant for the position must send 5 copies of the application with certified copies of certificates, testimonials and a list of academic work, and 5 sets of their:

Academic work - published or unpublished - that has relevance to the evaluation of the applicant's qualifications by the evaluation committee (not more than 10 such submissions).

A description of all the academic work that the applicant feels is most significant and that she feels the evaluation committee should pay particular attention to.

A list of all publications with bibliographical references.

Joint work will be evaluated. If it is difficult to identify the contributions from individuals in a joint piece of work, applicants are to enclose a short descriptive summary of what she did in this connection.

Applications (5 copies) are to be sent to the **Norwegian University of Science and Technology, Faculty of Engineering Science and Technology, 7491 Trondheim, Norway**. The application deadline is **September 1, 2002**. The file number for the position, **IVT 51/02**, is to be clearly stated on the application.