

TENURE-TRACK FACULTY POSITION IN GEOPHYSICS



The Department of Geosciences at the Universidad de Los Andes in Bogotá, Colombia, invites applications for one tenure-track faculty position in Geophysics, with particular emphasis in the areas of Seismology, Seismic Hazards or Seismic Exploration. We encourage candidates whose research integrates numerical modeling or Artificial Intelligence techniques with data analysis and processing.

Applicants must hold a Ph.D. degree, ideally a relevant postdoctoral experience, and should have a significant record of research experience documented by peer-reviewed publications. Candidates with relevant experience in seismological observatories/networks or industry are also encouraged to apply. Fluency in Spanish language is preferred but not compulsory. However, successful candidates are expected to rapidly develop communication and teaching skills in Spanish. The successful candidate is expected to be dedicated to high-quality and innovative undergraduate teaching, including the design and continuous improvement of undergraduate courses such as, Seismology, Seismic Exploration, Introductory Applied Geophysics, Continuum Mechanics, and Geodynamics, as well as the creation of pertinent advanced elective courses in similar areas. This includes mentoring of challenge-oriented or project-oriented courses in alliance with the external sector. Applicants are also expected to supervise undergraduate student research, professional internships and practices, and provide individual academic counselling to students. Also, the successful candidate is expected to develop an externally-funded research program, and to contribute to the development plans of the department, the Faculty of Sciences, and the University.

The pre-selected candidates on the short list will be contacted to conduct a series of interviews, one of which will focus on competency assessment and will be accompanied by Human Resources.

- More information about the Department can be found at: <http://geociencias.uniandes.edu.co>.
- The faculty handbook can be found at: <https://secretariageneral.uniandes.edu.co/images/documents/Faculty-Handbook-2020.pdf>
- For more information on Universidad de los Andes, please follow this link: <https://uniandes.edu.co/en>
- For more information on the Department of Geosciences and the current pensum, please follow the following link: <https://geociencias.uniandes.edu.co/es/programas/pregrado-geociencias>

Interested candidates should submit their applications electronically, by sending the following documents in a single PDF file to: director-geociencias@uniandes.edu.co

- 1) Covering Letter.
- 2) Curriculum Vitae.
- 3) Teaching statement (including teaching experience and approach).
- 4) Research statement.
- 5) Three reference letters with the corresponding contacts.

Any application that lacks one of the missing documents won't be considered. Pre-submission enquiries regarding the position may be addressed to the Department Director and Chair of the Geosciences Search Committee, Dr Natalia Pardo, at n.pardo@uniandes.edu.co.

Applications must be submitted on or before midnight Colombian time 30th March 2023 with interviews taking place in the last two weeks of April. The preferred starting date is August 2023.

