

## **FACULTY POSITION IN MINING ENGINEERING**

The Faculty of Engineering and Sciences of Universidad Adolfo Ibáñez has great pleasure in inviting applicants for an open rank faculty position in mining engineering.

### **The Faculty of Engineering and Sciences (FES) of Universidad Adolfo Ibáñez (UAI)**

UAI is a prestigious private university in Chile. Founded as a business school in 1953, in 1988, it started operating as a university. At present, it has over 12,000 students in 8 different schools located on two campuses: one in Santiago, the capital city of Chile, and the other in the coastal city of Viña del Mar.

The FES is one of the leading schools of engineering in Chile, and it has experienced rapid growth over the last ten years. It has about 4,000 students and more than 100 full-time faculty. The FES offers 7 undergraduate engineering degrees, in addition to its M.Sc. and Ph.D. programs. The FES brings together an open-minded community of scholars who combine fundamental and applied research to develop creative and innovative projects. These projects are expected not only to advance the frontier of knowledge, but also to contribute toward developing solutions that can help reach our sustainable development goals.

### **Job description**

The FES seeks candidates who are leaders in the mining area and can address several of the following:

- Lead and manage research, innovation and development initiatives with focus on the large mining sector. These initiatives should aim to articulate the mining area with the applied research capabilities of the FES and UAI technological centers, such as data science, sustainability, energy transition, bioengineering, water resource management, in order to face the challenges in productivity, safety, social and environmental responsibility that is being faced by the mining sector in Chile and worldwide.
- Establish alliances with mining companies and their suppliers, research and development centers, for the development of joint projects that address the challenges of the mining sector.
- Represent the FES in CIPTEMIN (Integrated Mining Technologies Piloting Center) and lead the transformation of the Chancon School Mine into a piloting center associated to CIPTEMIN and a regional center for the practical learning of mining at the college level.
- Participate in instances involving academia, private sector, state and civil society, in which public policies and the strategic challenges of the mining sector are addressed.

- Formulate and manage a strategy to involve the FES in the challenges provided by the digital transformation of the mining sector (Mining 4.0)
- Contribute to the development and positioning of our professional degrees in mining in cooperation with the director of studies.
- Develop continuing education programs with a focus towards executives of the public and private sectors.

The candidate we are seeking should have as many as possible of the following characteristics:

- Distinguished professional or academic involved in the national or international mining sector
- Management experience with mining industry projects.
- Have an understanding and vision for the challenges facing the Chilean mining industry
- Interpersonal skills that facilitate teamwork and a vision that can lead to the establishment of a transformative leadership in the mining group of the FES. This leadership must generate trust and inspiration to the multidisciplinary teams that are necessary to face the challenges of the mining sector.
- Have international connections that allow to build synergic alliances with international partners.
- Have strategic thinking capacity to identify development areas for private-public-academic collaborative projects geared towards facing the challenges of mining.
- Advanced mastery of the English language.

The salary depends on the qualifications of the chosen candidate. Candidates do not need to be fluent in Spanish at the moment of applying. They must have excellent oral and written communication skills.

At FES we believe that diversity broadens our research scope and enhances the quality of our education, so we highly encourage women, international scholars, and minorities to apply for this position.

### **Application instructions**

Applications should be turned in by **Sept 5<sup>th</sup>, 2022** to ensure full consideration, but the search will continue until the position has been filled. Candidates should submit the following information **as a single pdf file** via email via email to <FacultyPositions.FIC@uai.cl> (e-mail subject: Faculty Position in Mining Engineering), including:

1. Statement of purpose (in English) indicating your merits for the position, and your plans in the areas of research and teaching in which you are interested.
2. Curriculum vitae, which should include: contact information, educational background, educational and/or professional experience, and a list of publications in scientific journals.
3. Name, position and contact information of at least three people who can submit a recommendation letter in case you are shortlisted.

The candidate may also be asked to give a lecture about his/her current research topics and/or to hold interviews with the Dean and members of the Faculty of Engineering and Sciences. Interviews will be done by videoconference. Questions can be directed via email to Prof. Eduardo Bitran, chair of the search committee, <eduardo.bitran@uai.cl>