

ASSOCIATE/FULL PROFESSOR POSITION IN OPERATIONS RESEARCH

The Faculty of Engineering and Sciences of Universidad Adolfo Ibáñez is pleased to invite researchers to apply for the position of Associate Professor or Full Professor in the area of Operations Research due to start on March 1st 2021, on the Campus in Santiago.

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 12,400 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, which has experienced rapid growth over the last ten years. It has about 4,000 students and more than 100 full-time professors. 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 meant to develop creative and innovative projects. These projects are expected not only to advance the frontier knowledge but also to contribute toward developing solutions that can help to reach our sustainable development goals.

The Industrial Engineering and Operations Group, within the FES, is one of the leading operations research groups in the region, attracting some of the best students to our undergraduate program, as well as our Ph.D. and Masters programs in Industrial Engineering and Operations Research. The nine researchers in this group consistently participate in relevant national and international research projects, both theoretical and applied in nature, with a strong global collaboration network. The areas of research include theoretical areas in operations research like stochastic/network/convex optimization, stochastic processes, approximation algorithms, game theory and, combinatorial analysis. Likewise, application areas include energy management, health services, mining, data science, production operations, marketing, forestry, and transportation. Furthermore, the group has tight connections and works close to the operations group at our Business School, ranked as one of the best in Latin-America.

Additionally, UAI, and the FES, are one of the founding members of the Data Observatory Foundation (DO). A unique private and public, non-profit organization, with its Board of Directors made up of: the Ministry of Economy, Development, and Tourism; the Ministry of Science, Technology, Knowledge, and Innovation; Amazon Web Services; and Adolfo Ibáñez University. The DO's vision is to be at the vanguard of data-centric innovation, leading in the production of data-centric solutions, world-class research, talent, and social capital for the Latin American region. The DO's mission is to extract value from datasets of global value acquired and generated in or for the Latin American region; enable their maximal

exploitation by the international scientific community, industry, and the public; and facilitate data access, analysis, exploration, visualization, and governance.

Job description

The FES seeks outstanding researchers who have expertise in both theory and applications of Operations Research or related areas. Faculty members from the FES are expected to teach undergraduate and graduate courses related to Operations Research and Industrial Engineering, supervise theses, conduct high-quality research, publish in top international journals, submit research proposals to national and international funding organizations, and participate in outreach activities. FES also encourages and welcomes technological transfer and research in collaboration with industry and government organizations. The salary depends on the qualifications of the chosen candidate. Candidates must have excellent oral and written communication skills, a remarkable aptitude for teamwork, and a significant academic interest in high-quality education and research.

Requirements include a Ph.D. degree in Operations Research or a related field, and an academic productivity level that complies with the Chilean CNA accreditation board guidelines (at least seven publications in Web-of-Science indexed journals over the last five years, and experience leading research grants and guiding postgraduate students). Experience in academic administration is a plus.

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

Application instructions

Applications should be turned in by **November 1st, 2020**, to ensure full consideration.

Candidates should submit the following information via email to FacultyPositions.FIC@uai.cl (email subject: Faculty Position in Operations Research), including at least:

1. Statement of purpose (in English) indicating your merits for the vacancy and your plans in the areas of research and teaching in which you are interested.
2. Curriculum vitae, which must at least include: contact information, educational background, educational and 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 to hold interviews with the Dean and members of the Faculty of Engineering and Sciences. Interviews may be done by electronic means, if necessary.