



## TENURE TRACK POSITION CHEMICAL ENGINEERING

The Chemical Engineering Department at the Universidad de Concepción Chile ([www.diq.udec.cl](http://www.diq.udec.cl)), invites applications for three full-time faculty positions to perform undergraduate and graduate teaching and research with higher impact in science and/or industrial applications, in at least one of the following areas:

- a) Fluid mechanics with emphasis on CFD
- b) Process Simulation and safety
- c) Applied Biotechnology

In addition, it is expected that s/he will lead research and/or technological projects at the national and international level, interact with other groups at the Chemical Engineering Department through research and will develop bridges with research groups of other departments at the Engineering, Mathematics, and Biology Faculties. We offer salaries according to qualifications and experience and a pleasant working environment.

### Job Requirements

Applicants must have a PhD degree in Chemical Engineering or a related discipline with a research focus in one of the above mentioned areas. It is also desirable a Postdoctoral stay with a scientific group of excellence related to research in the area, and several publications in high impact journals. The applicant must be able to work collaboratively.

Applicants must demonstrate potential for excellence and a strong vocation for all aspects of academic life, be highly motivated to continuously improve their teaching skills, have a genuine interest in getting involved with our graduate programs (specially the PhD program) and be able to develop and maintain an active research agenda.

The successful candidate will also be expected to create new undergraduate and graduate courses and teach traditional courses in Chemical Engineering. Teaching must be performed in Spanish language.

### Application instructions

Candidates should submit the following documents:

1. A statement of purpose (in Spanish) indicating why you should be considered for one of the vacancies and your plans in the areas of research and teaching. Be as specific as possible, e.g., giving examples of how you aim to transfer your engineering knowledge to undergraduate and graduate students, and detailing potential collaboration networks with other researchers you may have developed or intend to develop in the future.



**Universidad De Concepción**  
**Facultad de Ingeniería**  
**Departamento de Ingeniería Química**



2. An up-to-date curriculum vitae (in Spanish or English).
3. Citation of five articles you consider relevant in the context of your application.

Pre-selected candidates will be invited to give a short presentation of their research lines and will be interviewed. Skype will be used for this purpose if necessary.

**Applications should be submitted to Dr. Ximena Garcia ([job\\_diq@udec.cl](mailto:job_diq@udec.cl)) before April 20<sup>th</sup> 2018.**