

ACADEMIC POSITION CALL

to join Biochemical Engineering School

Pontificia Universidad Católica de Valparaíso, Chile

Pontificia Universidad Católica de Valparaíso (PUCV) summons to apply for an academic position to join the School of Biochemical Engineering as a Full-Time lecturer.

The School of Biochemical Engineering is an academic unit of the Engineering Faculty at PUCV, whose mission is the training of engineers and the research and development in the field of biochemical engineering. The school has two undergraduate programs: Bioprocess Engineering and Biochemical Engineering, and postgraduate programs leading to Master and Doctoral degrees.

This call seeks to fill an academic position on the category PUCV has defined as initial for accessing the academic career. This category seeks to generate an instance to evaluate whether the person meets the conditions required for academic life, as well as his/her personal characteristics and potential to contribute to the mission of the University. This academic position also gives the new professional the possibility to carry out an appropriate learning about the institution and the corresponding academic unit. Applicants selected to fill this initial position will be able to access a permanent position after an evaluation of their teaching and research activities, after 2 to 4 years from the moment of hiring.

Through this call, PUCV offers the possibility to join one of the best universities in the country, to work in an academic group highly motivated by the study, research and development of the discipline of biochemical engineering, and to follow an academic career in an area of great impact for the economic and social development of our society.

DESCRIPTION OF THE POSITION

Applicants selected for this academic position will be mainly engaged in teaching and research activities. However, they are also expected to carry out those activities that the academic unit deems necessary, like:

1. To participate as lecturer in courses associated to undergraduate and postgraduate programs.
2. To participate from pedagogical training activities.
3. To supervise final degree projects for engineering students.
4. To co-supervise postgraduate thesis.
5. To join multidisciplinary research teams.
6. To develop high-level research in the discipline of biochemical engineering.
7. To publish in high impact journals.
8. Other tasks such as: participating in accreditation processes, collaboration in management and in working commissions.

APPLICANT PROFILE

Applicants must have an academic degree in process engineering: chemical engineering, biochemical engineering or similar. In addition, they must have a Ph.D. degree and have completed their thesis in the area of bioprocesses.

Applicants must also demonstrate a decided vocation for the academic work, which must be demonstrated by their capacities and willingness to carry out teaching and research. In addition, they must also show a clear willingness to participate in pedagogical training and curricular management activities, to enhance their academic work. Likewise, applicants must have publications and/or patents showing their ability to create and/or to apply knowledge. Evaluation of the curricular information will consider the publications in indexed journals (WoS), relevant participation in the awarding and/or development of research or innovation projects financed through competitive funds, and postdoctoral experience in bioprocess engineering. Scientific stays or studies abroad are considered a desirable aspect.

Candidates are expected to have command of the Spanish and English languages, allowing them to communicate verbally and in writing, in a fluent and effective manner. Spanish-speaking applicants who do not have the ability to communicate in English language must express their determined willingness to fulfill such requirement during the first year. Non-Spanish-speaking applicants must develop the ability to communicate fluently in the Spanish language during the first 6 months.

Since the selected applicant must quickly integrate to working groups in the institution, it is required that they possess motivation and skills for associative and interdisciplinary work.

Candidates are expected to be available to join the School of Biochemical Engineering on March 1st, 2022.

DOCUMENTS TO APPLY

The background information that applicants must present is the following:

- 1.** Letter of presentation and motivation, indicating achievements, interests and projections, addressed to the Director of the School.
- 2.** Proposal for academic development, involving research and teaching activities, considering the first 3 years at the institution.
- 3.** Updated curriculum vitae, including teaching experience, publications, projects and developed activities. A format will be provided for this purpose.
- 4.** Certification of under and postgraduate studies, as well as other academic activities and prizes or recognitions.
- 5.** Transcripts of the undergraduate and graduate programs that candidate has completed.
- 6.** Three letters of reference. A special format will be provided for this purpose. One reference must come from the director of the doctoral thesis. The letters must be confidential, and must be sent by those referring directly to the Director of the School of Biochemical Engineering.

SELECTION PROCEDURE

The documents described previously must be sent by email to direib@pucv.cl, or physically to the Director to following address:

Prof María Cristina Schiappacasse
School of Biochemical Engineering
Pontificia Universidad Católica de Valparaíso
Av. Brasil 2085
Valparaiso
Chile

Applications will be received until October 1st 2021.

The selection procedure includes the following stages:

1. Review of the background of the applicants by a selection committee defined by the School of Biochemical Engineering.
2. Interviews and seminars: candidates shortlisted in the previous stage will be invited to an interview, and to offer a seminar that addresses aspects related with their previous work. If necessary, candidates could be called in for more than one interview. These instances may be carried out for each candidate in person or remotely, depending on the geographical location of each one, and the potential restrictions on mobility derived from the COVID-19 pandemic. The way in which these activities will be carried out will be informed to each candidate in a timely manner.
3. During the final stage of the selection, a psychological interview will be carried out.
4. Applicants will be informed of the progress of the selection process.

Pontificia Universidad Católica de Valparaíso reserves the right to declare the contest void if it judges that there are no candidates who meet the profile defined for this call.