

CONVOCATORIA

# Nuevos Profesores PUCP



## CALL FOR APPLICATIONS FOR A FULL-TIME FACULTY POSITION FOR THE ACADEMIC DEPARTMENT OF ENGINEERING - BIOENGINEERING SECTION

The Academic Department of Engineering of the Pontificia Universidad Católica del Perú (PUCP), invites applications for:

### **One (1) Full-time teaching position in the Bioengineering Program**

The Department of Engineering opens this call for professionals with extensive university teaching and research experience in areas related to Biomechanics and Rehabilitation or Clinical Engineering. The person to be hired must be aligned with the mission and vision of the PUCP and the Academic Department of Engineering.

Deadline for submission of documentation:

**June 30, 2023**

The full-time dedication includes 40 hours of permanence at the University, of which 10 hours of teaching are required and the remaining 30 hours will be distributed among student tutoring, thesis advising, preparation of materials, research activities or social responsibility activities, as well as active participation in the commissions or academic-administrative activities entrusted by the Academic Department.

### **REQUIREMENTS**

1. To have a Ph.D. or Ph.D. degree in Engineering (Any area related to Bioengineering, for example, Biomechanics, Rehabilitation, Clinical Engineering, biotechnology, etc.). In case the degree diploma has been obtained in a foreign university, it must have been validated according to the university law before signing the contract.
2. At least two scientific publications in a journal indexed in ISI, Scopus or WoS in the last three years.
3. Participation in academic events and/or professional practice.

4. English and Spanish language proficiency.

## **COMMITMENTS**

The commitments acquired by the candidate are for a contract period of 1 year, renewable.

### **Commitments in teaching**

1. Teaching hours: Teach the equivalent of 10 hours of teaching per week per semester, of which 6 hours must correspond to regular courses in the undergraduate program in Biomedical Engineering.
2. Thesis advising: Advise at least 3 theses per semester in the undergraduate program of Biomedical Engineering.
3. Teaching performance: Maintain a high performance evaluated through the Teaching Opinion Survey, according to the classification established by the university.
4. Improvement in university teaching: Participate in programs proposed by the university or other institutions.
5. Coordinate the experiences of pre-professional training modalities and professional development of students in the Biomedical Engineering program.

### **Research commitments**

1. A minimum of one publication per year in journals indexed in Scopus or Web of Science.
2. Participate as principal investigator in at least one annual research call for external funds to the PUCP.
3. Dissemination of their research in refereed academic congresses with an international scientific committee. Participate in at least one international conference per year on average.
4. Participate in or promote research groups or networks on their areas of specialization.

### **Commitment to the Bioengineering Section**

The selected person will participate in the academic-administrative tasks necessary for the operation of the unit, contributing to the internationalization of the Engineering Department.

### **Commitment in affiliation**

The professor agrees to indicate affiliation with Pontificia Universidad Católica del Perú in all publications and presentations at academic events during the contract period.

## EMPLOYMENT AND INSTITUTIONAL BENEFITS

1. 60 days annual leave
2. Access to bonuses for scientific publications or for high teaching performance.
3. Financial support to disseminate research
4. Possibility of obtaining funding for research or innovation projects through internal university funding.
5. Discounts on university courses and academic programs.

## DOCUMENTS TO BE SUBMITTED

The application documents should be sent to the following e-mail address: [seccionbioingenieria@pucp.edu.pe](mailto:seccionbioingenieria@pucp.edu.pe) . In the subject line of the e-mail, please include the following: **Full Time Teacher Application**

### Documents to be requested from the applicants

1. Documented Curriculum Vitae in English or Spanish.
2. Scan of degrees and/or titles obtained<sup>1</sup> .
3. A letter of introduction
4. Document of no more than two pages, A4 format, addressed to the Head of the Engineering Department, Dr. Rafael Aguilar, in which you should indicate:
  - a. Presentation of your academic history
  - b. Position and institution to which you currently belong
  - c. Line of research
  - d. Main academic and professional achievements
  - e. Interests and motivations for applying for the position
  - f. Commitments to be made if hired by the University
  - g. Projection as a University professor
  - h. List of documents attached
5. *Research Statement (Research Statement)*, maximum two pages, A4 format, including:
  - a. Brief description of your research interest
  - b. Main academic congresses at which he has presented his research
6. Two most representative publications of your research career (they may be works already accepted for publication, in which case you must show a letter or proof of acceptance).

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<sup>1</sup>In case the selected professor has obtained degrees from a foreign university, these must be validated in accordance with Peruvian university law prior to the signing of the contract. On the process of validation of academic degrees in Peru see: <https://www.sunedu.gob.pe/procedimiento-de-reconocimiento-de-grados-y-titulos-extranjeros/>

7. *Teaching Statement* of your teaching experience (*Teaching Statement*), maximum two pages, A4 format, including:
  - a. Personal conception of the teaching of the discipline
  - b. University teaching experience.
  - c. Strengths and areas for improvement in university teaching.
  - d. What courses or topics related to your discipline you would like to teach at the university.
  - e. Conception about their ability to advise student theses at the undergraduate and graduate level.
  
8. Two letters of recommendation from researchers or university professors with whom he/she has worked.

### EVALUATION PROCESS

The evaluation of the candidates will be carried out by an evaluation committee made up of professors from the Academic Department of Engineering and invited peers from other international universities.

The evaluation will be carried out in three stages:

1. Review of submitted documents such as CV, cover letter, statements of research and teaching interests.
2. Evaluation of teaching and research competencies, which will be carried out through an interview and the presentation of a model class according to the indications of the section coordinator.
3. Psychological evaluation. The characteristics, qualities and competencies of the applicants will be analyzed in order to have a profile of each one of them. The evaluation will be carried out by specialists and will not be part of the evaluation score.

### CHRONOGRAM

Receipt of applications: until **June 30, 2023** via email: [seccionbioingenieria@pucp.edu.pe](mailto:seccionbioingenieria@pucp.edu.pe)

The resume must be documented and organized according to the CV template (Annex 1).

Evaluation of documents	From July 1 to August 15
Results of the first stage	Wednesday, August 30
Evaluation of research and teaching skills	From September 1 to 30
Results of the second stage	Saturday, September 30

Psychological evaluation	From October 1 to October 20, 2023
Final results	Between October and November 2023
Start of work in the Academic Department	Friday, March 1, 2024

If you have any questions, please write to the following e-mail address:

[seccionbioingenieria@pucp.edu.pe](mailto:seccionbioingenieria@pucp.edu.pe)

### **IMPORTANT**

The work will be carried out in person at the campus of the Pontificia Universidad Católica del Perú, Avenida Universitaria 1801, San Miguel, Lima, Peru.

### **UNIVERSITY AND ACADEMIC ENGINEERING DEPARTMENT INFORMATION**

The Pontifical Catholic University of Peru is a pluralistic and tolerant academic community, respectful of freedom of conscience and religion, inspired by ethical, democratic and Catholic principles that offers a citizen, humanistic, scientific and integral formation of excellence, contributes to broaden knowledge through research and innovation at an international level, promotes the creation and dissemination of culture and art, recognizing the multicultural nature of the country and is linked effectively and permanently with society and the environment, recognizing the diversity of the country and assuming its commitment to human and sustainable development.

PUCP is the highest ranked private institution of higher education in Peru and one of the 15 best universities in Latin America according to the QS ranking. It is committed to promoting tolerance and plurality, high quality teaching, excellence in research and innovation, and social responsibility. It has about 30,000 undergraduate and graduate students, distributed in 52 professional careers and 112 graduate programs including the Master of Biomedical Engineering and a PhD in Engineering.

PUCP is located in Lima, the cosmopolitan Peruvian capital on the shores of the Pacific Ocean. Peru is an emerging and dynamic South American country with an extremely rich cultural heritage, geographic diversity and renowned gastronomy, so it has many research opportunities and attracts students from all regions of Peru and other Latin American countries.

The Engineering Department of the Pontificia Universidad Católica del Perú (PUCP) is one of the most important engineering departments in Peru.

academic work unit that brings together the University's teachers linked by their dedication to study, teaching, research and university social responsibility in the fields of engineering.

To learn more about the Academic Department of Engineering and the Bioengineering Program, please visit the following link

<https://departamento-ingenieria.pucp.edu.pe/secciones/bioingenieria/presentacion/>

To learn more about Biomedical Engineering at PUCP:

- Undergraduate: <https://www.pucp.edu.pe/carrera/ingenieria-biomedica/>

- Postgraduate:

- <https://posgrado.pucp.edu.pe/maestria/ingenieria-biomedica/>

- <https://posgrado.pucp.edu.pe/doctorado/ingenieria/>