

PROGRAMA DE

Atracción de Jóvenes Profesores PUCP



CLUSTER HIRING - ENGINEERING DEPARTMENT CALL FOR THREE (03) FULL-TIME RESEARCH PROFESSOR POSITIONS (TENURE TRACK) IN STRATEGIC CROSS-CUTTING AREAS

Deadline for application: June 30th, 2025

The Department of Engineering at the Pontifical Catholic University of Peru (PUCP) wishes to fill three (03) full-time Tenure-track positions, under the Cluster Hiring modality, with scientifically ambitious candidates. The PUCP Engineering Department created 50 years ago, includes several accredited programs by the US – Accreditation Board for Engineering and Technology – ABET, incorporating dynamic and international connected scientific researchers as well as infrastructure that provides an excellent environment to carry out the research.

THREE (03) FULL-TIME RESEARCH PROFESSOR POSITIONS (TENURE TRACK) IN STRATEGIC CROSS-CUTTING AREAS

Profile of the candidates

Applicants must demonstrate the ability to develop a cross-cutting research in certain areas and disciplines. The PUCP Engineering Department seeks faculty researchers who can catalyze interdisciplinary collaboration, attract international research funding, and enrich our university education and the undergraduate and graduate student experience by addressing critical academic challenges in the following cross-cutting areas:

- Health and well-being;
- Smart and resilient cities;
- Environment and natural resources;
- Functional and structural materials.

The research positions offered require full-time dedication, with a 40-hour per week contract, including 5 hours per week per semester teaching courses for undergraduate and/or graduate students, and at least 50% of time dedicated to research. The appointment is expected to begin in the first semester of 2026 (2026-I) and last for three years, after which, upon positive evaluation, the position will become permanent.

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Requirements

- A. Ph.D. or Doctoral degree. Applications are not limited to doctoral degrees in Engineering; applicants
- B. Academic training relevant to the strategic cross-cutting areas of this call.
- C. Proficiency in English. Knowledge of other languages will be positively evaluated.
- D. At least 3 publications in journals Q1 indexed in Scopus or WoS in the last 3 years.

Documents required from applicants

- A. Curriculum Vitae in English.
- B. Scanned copies of degrees and titles obtained.
- C. A cover letter addressed to the head of the Engineering Department, Dr. Rafael Aguilar, stating:
 - o Interests and motivations to apply to the position.
 - o Proposal for professorship development within one of the four clusters defined in the call.
- D. A Research Statement (maximum two pages) that includes:
 - o Research capabilities.
 - o Proposed research topics aligned with one of the clusters defined in this call.
 - o Summary of past research, highlighting key works.
- E. Teaching Statement (maximum two pages) that includes:
 - o Personal teaching philosophy and experience in university-level teaching.
 - o Perspective on the ability to advise undergraduate and graduate students.
 - o Graduate programs or careers in which the applicant could teach.

Information on the academic offer at PUCP can be found at:

<https://facultad-ciencias-ingenieria.pucp.edu.pe/>

<https://posgrado.pucp.edu.pe/maestrias/?buscar=&area=ingenieria&modalidad=>

<https://posgrado.pucp.edu.pe/doctorados/ingenieria/>

- F. Three recommendation letters from professors or researchers with whom the applicant has worked(*).

(*) The letters should be addressed directly by the referent to cluster.hiring@pucp.edu.pe with the subject "RECOMMENDATION TENURE_HIRING_Candidate_LASTNAME".

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Commitments for the position

The commitments of the selected candidates are for a 3-year contract period.

Teaching commitments:

- 10 lecture hours per year (on average of 5 hours teaching per week).
- Promote the creation of new graduate courses linked to the expertise areas of the hired candidate.
- Supervise, on annual average, two undergraduate works and/or graduate theses and achieve the defense of a total of three undergraduate works or graduate theses.
- High performance at the Teacher Opinion Survey, meeting or exceeding the requirements of PUCP's
- Regular Faculty hiring standard.
- Develop and implement a concrete action plan to strengthen the cross-cutting cluster under which the candidate is hired.

Research commitments:

- A minimum of six (6) papers in indexed journals (Q1/Q2 Scopus or equivalent). At least three (3) must be in Q1 journals.
- Obtaining at least 60,000 USD annually on average from external-to-PUCP funds as principal researcher.
- Participate as principal researcher in at least four (4) external to PUCP research funding calls.
- Participate or promote interdisciplinary research groups or networks aligned with the research cluster.

Affiliation:

PUCP affiliation is mandatory for all publications, presentations, workshops, and events conducted during the hiring period. Any products not meeting this requirement will not be evaluated at the end of the period.

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Exclusivity:

During the tenure track period, exclusivity in teaching and research activities is required. However, the selected candidate may engage in teaching and research activities at other higher education institutions as a visiting professor/researcher during short stays approved by the Department.

Commitment to the Department:

The selected candidate will participate in the necessary academic-administrative tasks for the operation of the department and contribute to the department's internationalization efforts.

Employment and institutional benefits

- Competitive salary and vacation conditions.
- Annual bonuses for positive teaching performance.
- Financial support for presenting papers at international conferences.
- Internal competitive funds for research projects through PUCP's Vice-Rectorate for Research.
- Discounts on courses and academic programs at the university.
- The Department of Engineering provides faculty members with access to an integrated network of laboratories known as Core Facilities PUCP. These laboratories concentrate on cutting-edge technology in the following areas: manufacturing (FabCore), materials (MatCore), and high-performance computing (DataCore).

IMPORTANT

- The position will take place on-site at the campus of the Pontifical Catholic University of Peru: Avenida Universitaria 1801, San Miguel, Lima, Peru.
- Upon signing the contract, the selected candidate must have their academic degree revalidated or recognized by SUNEDU in accordance with Peruvian law, in case their degrees were obtained abroad.
- The selected candidate must promptly complete the immigration procedures with the National Superintendency of Migration of Peru to obtain their foreigner ID card with a migratory state that enables to work in the country. PUCP provides support throughout this process, as well as an arrival bonus upon entering the country.
- Any questions about the application process can be sent to Dr. Silvia Rosas Lizarraga: brozas@pucp.edu.pe.

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INFORMATION ABOUT PUCP AND THE ACADEMIC DEPARTMENT OF ENGINEERING

The Pontifical Catholic University of Peru (PUCP) is a pluralistic and tolerant academic community, respectful of freedom of conscience and religion, inspired by ethical, democratic, and Catholic principles. It offers an excellent citizen, humanistic, scientific, and comprehensive education; contributes to knowledge expansion through research and innovation at an international level; promotes the creation and dissemination of culture and art while recognizing the multicultural nature of the country; and maintains a strong and ongoing relationship with society and its environment, acknowledging the country's diversity and embracing its commitment to human and sustainable development.

PUCP is the highest-ranked private higher education institution in Peru and one of the top 12 universities in Latin America according to the QS ranking. It is committed to promoting tolerance and pluralism, high-quality teaching, excellence in research and innovation, and social responsibility. PUCP has approximately 30,000 undergraduate and graduate students enrolled in 52 academic programs across 13 faculties and 112 graduate programs.

The PUCP Department of Engineering is an academic unit that brings together faculty members dedicated to teaching, research, and social responsibility in the field of engineering. The Department of Engineering includes professors who teach undergraduate and graduate courses in Environmental, Biomedical, Civil, Electronic, Geological, Industrial, Computer, Mechanical, Mechatronic, Mining, and Telecommunications Engineering programs. To learn more about the Academic Department of Engineering, please visit the following link:

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