PROGRAMA DE

Atracción de Jóvenes Profesores Investigadores



CLUSTER HIRING – DEPARTMENT OF ENGINEERING

CALL FOR TWO OPEN FACULTY FULL-TIME TENURE TRACK POSITIONS AT THE DEPARTMENT OF ENGINEERING IN STRATEGIC CROSS-CUTTING RESEARCH AREAS

The Department of Engineering at the Pontificia Universidad Católica del Perú (PUCP) is currently hiring three full-time tenure track faculty positions. You are kindly invited to apply to:

Two (2) full-time Assistant Professor (Cluster Hiring Tenure Track program) positions at the Department of Engineering

Deadline to send documents: August 30th 2024

The Department invites applicants to apply to two full-time teaching positions - Tenure Track - within the University's strategy to strengthen strategic cross-cutting research areas (Research Excellence Clusters).

This process aims to improve the impact on the University's research; promote a collaborative multi-specialty approach, as well as advance our commitment to diversity, equity and inclusion. We seek new research faculty who catalyze interdisciplinary collaboration, attract international research funding, and enrich our undergraduate and graduate programs by addressing critical and significant academic challenges around the following cross-cutting



areas:

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

The professionals hired within this call must align with the mission and vision of PUCP and the Department of Engineering, with the objective of developing a high-level research career.

APPOINTMENT INFORMATION

This is a full-time academic professional appointment (40-hour week contract). A highly competitive salary for the Region is offered for this position.

REQUIREMENTS

1. PhD Degree. Applications are not limited to doctors in engineering, but we are looking for applicants from any area of science with the ability to lead transversal research groups in engineering.
2. Proficiency in English. Fluency in other languages at an intermediate level will be positively evaluated.
3. Publications. To have published a minimum of 3 publications in Q1- indexed journals (Scopus or WoS) in the last 4 years.

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COMMITMENTS (for a 3-year period)

Teaching commitments

- Graduate and undergraduate teaching each semester. A total of 10 credits hours should be taught per year (i.e., 5 hours per week).
- Create new graduate courses linked to the research lines of the applicant.
- Advice on average 2 graduate or undergraduate thesis per year and attain the dissertation of at least 3 students by the end of the three-year period.
- Obtain good ratings in the Teacher Opinion Survey filled every semester by the students.
- Promote specific action plans to strengthen the Research Cluster in which the candidate was hired.

Research commitments

- Six (6) academic publications indexed in Scopus or Web of Science journals (Q1/Q2) in the three-year period. At least three (3) should be published in Q1 journals.
- Lead the submission of at least four (4) projects with external funding. Two (2) of these should be international funds.
- Participate and promote interdisciplinary research groups and/or networks.
- Obtain a yearly funding of at least 200,000 Peruvian soles from external sources each year as a PI.

Affiliation

PUCP affiliation is mandatory for all the publications, presentations, workshops and events



that are developed in the tenure track period. Those products that do not fulfil this requirement will not be evaluated at the end of the period.

Exclusiveness

During the assignment period, exclusiveness in teaching and research activities is required. The applicant selected will be able to teach and do research in foreign institutions only as a visiting professor or researcher. The selected person will participate in administrative tasks needed at the Department, contributing to the internationalization of the Department. When possible, successful candidates will attend meetings called by the Head of Department.

BENEFITS

- An annual bonus is granted based on the number of indexed papers published.
- An annual bonus is granted on the basis of teaching performance.
- Economic support is provided to attend national and international conferences, provided that the successful applicant has a poster or oral presentation accepted.
- Possibility to obtain internal funding at PUCP through the calls that are open by the Research Directorate (DFI) at PUCP.
- Discounts on university courses and academic programs
- Competitive salary and holiday conditions.

REQUIRED DOCUMENTS

- Resume, in English.
- Scanned PhD diploma on both sides.

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- A presentation letter, addressed to the Head of Department, Dr. Rafael Aguilar, with the following details:
  - Academic profile and history.
  - Current position and affiliation.
  - Main academic and professional achievements.
  - Motivation and interests to apply to the position.
  - Research and teaching commitments if contracted at PUCP, contextualized within one of the four Research Clusters.
  - List of documents attached.

- *Research Statement*
  - Main research lines and skills.
  - Main research lines and projects that would be developed at PUCP, aligned with one of the Research Clusters.
  - Most representative publications, highlighting the two publications that you consider are most relevant.

- *Teaching Statement*
  - Personal perception on teaching and experience in higher education teaching.
  - Experience and ability to advise theses of students at the undergraduate and graduate levels.
  - Teaching preferences within the existing programs. Relevant information on the undergraduate and graduate programs offered at the Department of Engineering can be found at the following links:
    - https://facultad-ciencias-ingenieria.pucp.edu.pe/
    - https://posgrado.pucp.edu.pe/maestrias/?buscar=&area=ingenieria&modalidad=
    - https://posgrado.pucp.edu.pe/doctorados/ingenieria/



- Two letters of recommendation written by senior researchers or professors.

Applications should be submitted by August 30th 2024. The subject of the email should be "Tenure Track – Cluster Hiring - Surname", and should be submitted to the following email address: cluster.hiring@pucp.edu.pe.

All documents should be merged in a single PDF file. Those who have any doubts with the submission process can contact Dr. Ian Vázquez Rowe for guidance: ian.vazquez@pucp.edu.pe

The recruitment is scheduled for early 2025 (negotiable) for a three-year period. Thereafter, following a positive evaluation, the position becomes a permanent appointment.

EVALUATION PROCESS

An Evaluation Committee will be appointed with 3 professors from the Department and 2 professors or researchers who do not have PUCP affiliation. Based on the number of candidates applying, more than one committee could be appointed, which will not necessarily have the same members.

PUCP promotes gender equality and opportunities in academia. Therefore, the Evaluation Committee will have a gender-balanced and egalitarian composition. First of all, applicants will be evaluated based on the documents submitted. Subsequently, applicants who meet the requirements of the call and show the highest scores will be called for a Zoom interview, in



which they will be asked to prepare a short class or seminar for their presentation.

In a third stage, PUCP requires psychological assessment, which will provide information about the applicant's profile. This information will be reviewed by specialists and will not be considered a part of the evaluation score.

Finally, a Hiring Committee, led by the Head of Department, will select, in the event that there is more than one eligible candidate, the applicant who best fits the profile that the Department requires.

TIMELINE

Call begins	June 1st 2024
Deadline for applicants to send documents	August 30th 2024
First stage results	September 11th 2024
Interviews with selected applicants	September 12th – 20th 2024
Second stage results	September 23rd 2024
Psychological evaluation	September 24th – October 10th 2024
Final interview with Hiring Committee	October 11th – 18th 2024
Appointment of selected candidates to the different Engineering divisions	October 21st – November 4th 2024
Final result approved by the Department's Committee	November 11th 2024
Final appointment by the University	November 20th 2024
Starting date	March 1st 2025

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ADDITIONAL INFORMATION

- These positions are intended to be carried out in-person at PUCP's Campus: Avenida Universitaria 1801, San Miguel, Lima, Peru.

- In the case that the successful candidate has obtained his/her/their title abroad, upon signing the contract there must be revalidation or recognition of the degree in accordance with Peruvian Law. This revalidation or recognition is not necessary when submitting the documents by August 30th.

- Successful foreign candidates must complete the immigration procedures as soon as possible at the National Immigration Superintendency of Peru to obtain your immigration card.

PUCP AND THE DEPARTMENT OF ENGINEERING

The Pontifical Catholic University of Peru (PUCP) is a diverse and tolerant academic community that respects freedom of conscience and religion. Guided by ethical, democratic, and Catholic principles, that offers an excellent citizen, humanistic, scientific, and comprehensive education. It contributes to expanding knowledge through international research and innovation and promotes the creation and dissemination of culture and art. Recognizing the multicultural nature of Peru, PUCP is committed to human and sustainable development and maintains effective, permanent links with society and the environment.

Ranked as the top private higher education institution in Peru and among the top 12 universities in Latin America by the QS ranking, PUCP is dedicated to promoting tolerance and plurality, high-quality teaching, research excellence, innovation, and social responsibility. The university serves nearly 30,000 undergraduate and graduate students across 52 professional careers, 13 faculties, and 112 graduate programs.

The Department of Engineering at PUCP is an academic unit dedicated to the study, teaching, research, and social responsibility within various engineering fields. The department includes

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faculty who teach at both undergraduate and graduate levels in Environmental, Biomedical, Civil, Electronic, Geological, Industrial, Computer Science, Mechanical, Mechatronics, Mining, and Telecommunications Engineering programs. For more information about the Department of Engineering, you can access the following link: https://departamento.pucp.edu.pe/ingenieria/ .