

CALL TO FULFIL ONE (01) FULL-TIME FACULTY POSITION IN MATHEMATICS

The Academic Department of Sciences (DAC, in Spanish) of the Pontifical Catholic University of Peru (PUCP, in Spanish), within the framework of the Programme for Attracting Young full-time Professors (Tenure Track), invites you to participate in the selection process for the assignment of

One (01) full-time position for a research professor in the Mathematics Section in the area of Mathematics or related

Deadline to apply: 03 September, 2021

Applicants must have the academic degree of Doctor of Mathematics or related areas.

The selected candidate will work as a teacher and researcher in the Academic Department of Sciences - Mathematics Section of the Pontifical Catholic University of Peru, with a workload of forty (40) hours per week, which includes research activities, teaching and participation in academic-administrative tasks (thesis jury, commissions, etc.).

Bases of the call

Requirements

- Have the academic degree of Doctor of Mathematics or related areas, in an internationally recognized programme.
- Have presented talks at academic congresses related to their area of expertise.
- Have teaching experience at university level
- Have demonstrated participation in research projects and fundraising.
- Have an extensive record of publications in the area in prestigious indexed magazines. A competitive publication record would be 5 publications indexed in Web of Science or Scopus in the last 5 years, preferably in the Q1 and Q2 quartiles (referential nature).
- Proficiency in Spanish is highly desirable; English is mandatory. The use of another language at an intermediate level will be positively evaluated.
- Be, preferably, less than 35 years old.

Commitments for the three-year contract period

The hired professor will have the following commitments for the next three years:

1. Research commitments:

- Publish at least 3 academic articles in journals indexed in Web of Science or Scopus with PUCP affiliation (at least two in Q1 or Q2).
- Disseminate their research in at least 2 peer-reviewed academic congresses with an international scientific committee (virtual or face-to-face).
- Formulation and participation in research projects with competitive funding.

2. Commitments in teaching:
 - Teach 10 hours per year, of which at least 6 hours correspond to undergraduate or General Studies regular courses.
 - Guide and advise undergraduate or graduate students in the development of their theses.
 - Show good performance in the Professor Opinion Survey.
 - Participate or promote research groups or networks on their subjects of specialization.
 - Participate in the regular activities of the section (thesis juries, work commissions, work meetings, etc.)
3. PUCP affiliation. The professor agrees to indicate affiliation to the Pontifical Catholic University of Peru in all publications and presentations held at academic events.
4. Exclusivity. The professor agrees that, during the assignment period, he will only have teaching hours at the Pontifical Catholic University of Peru. That is, he will not be able to teach or research in other higher education institutions (or equivalent), except as a visiting professor or visiting researcher.

About the University and the Academic Department of Sciences

The Pontifical Catholic University of Peru (PUCP, in Spanish), founded in 1917, currently has almost 30,000 undergraduate and postgraduate students. Its modern facilities are distributed in a university campus of more than 40 hectares located in Lima. The PUCP is institutionally accredited by the International Institute for Quality Assurance (IAC-CINDA, in Spanish) and is ranked as the best in the country and number 15 in Latin America according to the 2021 QS World University ranking.

The Academic Department of Sciences (DAC) of PUCP was founded in 1966 and currently groups the teachers of the Physics, Mathematics and Chemistry Sections. The DAC has very well-equipped teaching and research laboratories.

Employee benefits and perks

In addition to the legal rights (national health insurance, pension savings system, 60-day annual leave), full-time PUCP university professors can access the following benefits:

- Annual bonus for good teaching performance.
- Annual bonus for scientific publications (that exceed the number of commitments assumed).
- Financial support to present talks at international academic events (payment of registration, tickets and per diem).
- Possibility of obtaining funding (50,000-180,000 soles) for their research projects through the Annual Research Projects Contest (Spanish: Concurso Anual de Proyectos de Investigación).
- Discounts on courses and academic programmes at the university.

- Possibility of accessing the complementary health insurance (Spanish: EPS)

Required documentation

Interested candidates who meet the requirements must submit the below documents digitally, until 03/09/2021, sending them directly to the email ochavez@pucp.edu.pe noting the subject “Application Mathematics Tenure Track - LAST NAME”. The resume with the requested documents must be submitted in a single PDF file.

1. Curriculum Vitae
2. Scanned degrees and / or titles obtained
3. A cover letter addressed to the head of the Science Department, Dr. Francisco Ugarte Guerra, in which the applicant states:
 - Presentation of their academic record
 - Position and institution to which they currently belong
 - Line of research
 - Main academic and professional achievements
 - Interests and motivations to apply for the position
 - Commitments to be made if hired by the university
 - Projection as a university professor
 - List of attached documents
4. A statement on their research interests, maximum two pages, that includes:
 - Topics or line of research, as well as research groups or networks to which they belong
 - A summary of their research, indicating those that are most representative of their work
 - The research projects and future research that they would like to develop at the university if they are selected. Likewise, they must indicate the strategy they intend to follow to obtain funds that will allow them to consolidate their line of research.
 - Academic links that could lead to collaborative projects.
5. A statement on their teaching experience, maximum two pages, that includes:
 - Experience and personal conception of university teaching
 - Personal conception about the teaching of the discipline; experience in university teaching
 - The courses they would like to teach at the university
 - Their teaching strategies, their strengths and aspects of improvement in university teaching
 - Conception about their ability to handle student thesis advising at undergraduate and graduate levels.
6. Three letters of recommendation from researchers or university professors with whom they have worked.

Evaluation process

The evaluation of the candidates will be carried out by a five-member jury made up of three (3) professors from the Department (2 from the area and one from a different area) and two (2) external evaluators from internationally renowned universities. The purpose of

the evaluation process is to select the most suitable candidates to fill the position available in this contest and will focus on three areas: teaching, research and projection at the University. Likewise, the evaluation will be made up of three cancellation stages:

1. Review of submitted documents
2. Evaluation of competences in teaching and research, which will be carried out through interviews and the presentation of a model class and a seminar.
3. Psychological evaluation. It will be carried out by specialists and will not be part of the evaluation score.

Informative note: PUCP performs psychological analysis of the personnel it hires, within the framework of an occupational health policy, which respects the privacy and non-discrimination standards prescribed by law.

Queries

Those interested can direct their inquiries to Engr. Óscar Chávez ochavez@pucp.edu.pe with the subject Call TC Position 2021-1.