

PROGRAMA DE

# Atracción de Jóvenes Profesores Investigadores



## Call for applications: Full-time tenure track faculty position in the Sciences department, Chemistry Division, Organic Chemistry area

The Pontificia Universidad Católica del Perú (<https://www.pucp.edu.pe/en>) is seeking for a highly motivated young scientist to join the Department of Sciences-Chemistry Division in Lima-Perú in the field of Organic Chemistry.

Chemistry at PUCP comprises sixteen faculty members and thirty part-time lecturers. Its main laboratories are equipped with a Bruker Avance III HD 500 MHz NMR spectrometer (<https://investigacion.pucp.edu.pe/grupos/epn/nmr-facility-at-pucp/>), a Bruker Daltonics MS spectrometer, several GC and HPLC chromatography systems, an FT-IR(ATR) spectrometer, a portable X-ray fluorescence spectrometer, among other routine instruments. Additional instrumentation available include a Raman Plus B&W Tek 785nm/532 nm, TEM-SEM-STEM Delong America, plasma glow discharge system Cordouan Tch., Anton Paar Monowave 300 microwave oven, Akta Pure 25 L system, GPC Malvern Viscotek, along with equipment from the Engineer Department (XRD Bruker D8-monocrystal, XRF Bruker Tiger S8, SEM FEI Quanta 650, and Raman spectrometer Renishaw Invia 325, 488, 514, 633 and 785nm). Our research spans through all the fundamental areas of chemistry (organic/inorganic/analytical), biochemistry, and applied chemistry (materials sciences, natural polymers, nanomaterials).

### Position Profile

#### Duties

The selected candidate is expected to:

- 1) Conduct his/her own line of research
- 2) Participate in teaching activities,
- 3) Seek for external funding,
- 4) Publish and participate in international conferences and,
- 5) Independently supervise undergraduate and graduate students.

Funding opportunities exist at PUCP to support these activities.

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## Skills and Requirements

The candidate must hold a recent Ph.D. in Chemistry and have a strong background in organic synthesis and in compound isolation and full characterization. Good theoretical and practical knowledge of NMR is required. Experience in natural products and in-silico and in-vitro high-throughput drug screening is desirable. Good publication record and excellent written and oral communication skills are necessary. All candidates must be fluent in Spanish and English (oral and written). The candidate should preferably be 35 years old or younger.

## Commitments

During the 3-year contract, the selected candidate must:

- 1) Publish a minimum of 3 papers in Q1/Q2 journals and participate in at least 2 international conferences,
- 2) Lead 2 funded research grants projects,
- 3) Dedicate 5 teaching contact hours per week for 16 weeks every semester,
- 4) Supervise at least one thesis at the undergraduate or graduate level, and
- 5) Achieve > 80% in the student's evaluation.

## Employment

The selected candidate will report to the Chair of the Chemistry Division. The 40-hour per week contract is for a 3-year period and will be subject to continuous evaluation.

## How to apply

Interested applicants should submit:

- 1) A **letter of intent** (2 pages max.) stating their research and teaching interests and future career objectives to Dr. Jorge Moreno, Chair of the Science Department,
- 2) A well-**documented CV** including a scans of the Ph.D. degree and **two letters of reference**,
- 3) A **research proposal** (2 pages max.) outlining the work intended to pursue at PUCP.

All documents should be in English and sent to [dac.convocatoria@pucp.edu.pe](mailto:dac.convocatoria@pucp.edu.pe) and [coordinacion.quimica@pucp.edu.pe](mailto:coordinacion.quimica@pucp.edu.pe).

**Deadline of the application:** January 17, 2025.

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## **Evaluation process**

Selected candidates, based on qualifications, letter of intent and research proposal, will be invited for an interview and oral presentations (Seminar and Advanced Master Class).

**Starting date:** August 1, 2025, but could be accommodated.

Please feel free to contact us by email with any questions you may have before submitting your application.