

## Public Notice ATAC/132025/iqusp

### **CALL FOR APPLICATIONS FOR A PUBLIC COMPETITION FOR TITLES AND TESTS TO FILL ONE (1) ASSISTANT PROFESSOR POSITION IN THE DEPARTMENT OF FUNDAMENTAL CHEMISTRY AT THE INSTITUTE OF CHEMISTRY OF THE UNIVERSITY OF SÃO PAULO**

The **Director of the Institute of Chemistry of the University of São Paulo** hereby announces to all interested parties that, in accordance with the decision made by the Congregation during its ordinary session held on June 26, 2024, applications will be open for a period of 90 (ninety) days, starting at **8:00 AM (Brasília time) on July 10, 2025, and ending at 5:00 PM (Brasília time) on October 7, 2025**, for a public competition for titles and tests to fill one (1) Assistant Professor position, reference MS-3, under the Full-Time Dedication to Teaching and Research Regime (RDIDP), vacancy no. 1244426, with a salary of R\$16,353.01 (May 2025), in the Department of Fundamental Chemistry, in the field of **GENERAL CHEMISTRY WITH AN EMPHASIS ON UNIVERSITY EXTENSION**, pursuant to Article 125, Paragraph 1, of the General Regulations of USP, and the respective program as follows:

1. Acids and bases.
2. Chemical kinetics—transition state theory, collision theory, and catalysis.
3. Chemical thermodynamics.
4. Oxidation and reduction reactions.
5. Chemical bonding theories.
6. Molecular geometry.
7. Intermolecular interactions.
8. Chemical equilibria.
9. Chemical periodicity.
10. Atomic structure.

The competition will be governed by constitutional principles, notably impartiality, as well as the provisions of the Statute and General Regulations of the University of São Paulo and the Regulations of the Institute of Chemistry.

1. Applications must be submitted exclusively through the link <https://uspdigital.usp.br/gr/admissao> during the aforementioned period.

Candidates must fill in the requested personal data and attach the following documents:

I – A detailed curriculum vitae and proof of published works, activities relevant to the competition, and other information that allows for the assessment of their merits, in digital format;

II – Proof of a Doctoral degree awarded by USP, recognized by USP, or with national validity;

III – Proof of compliance with military service obligations for male candidates (NOTE: Criminal record declarations will not be accepted);

IV – Voter registration clearance certificate or circumstantial certificate issued by the Electoral Court no more than 30 days before the start of the application period;

V – Official identity document;

VI – **University Extension Research Project**, as per item 9 of this notice.

§1 – Supporting evidence for the curriculum vitae mentioned in item I, such as models, artworks, or other materials that cannot be digitized, must be submitted by the last business day before the competition begins.

§2 – Links to Dropbox, Google Drive, or any other platform allowing candidate modifications will not be accepted as proof for the items listed in the curriculum vitae.

§3 – For item II, defense minutes without information on approval will not be accepted if the Doctoral degree depends on this step at the issuing institution. Candidates are hereby informed that the lack of such proof will result in the rejection of their application.

§4 – Current USP faculty members are exempt from the requirements in items III and IV, provided they have already complied with these obligations at the time of their initial hiring.

§5 – Foreign candidates are exempt from items III and IV but must prove their legal status in Brazil.

§6 – Foreign candidates approved in the competition and nominated for the

position may only take office if they present a temporary or permanent visa allowing remunerated work in Brazil.

§7 – During registration, candidates with disabilities must request the necessary accommodations for test participation.

§8 – Candidates are solely responsible for uploading each document to the specified fields in the system at <https://uspdigital.usp.br/gr/admissao>.

Uploading documents in an incorrect order will result in disqualification.

§9 – Candidates are solely responsible for submitting complete (front and back) and legible documents. Failure to correct incomplete or illegible uploads during the application period will result in disqualification.

§10 – Late document submissions, even for appeals, will not be accepted.

§11 – During registration, candidates self-declaring as Black, Brown, or Indigenous must indicate their interest in the differentiated scoring system under item 11 of this notice.

§12 – To qualify for the bonus for self-declared Black and Brown candidates, the candidate must exhibit phenotypic traits characteristic of Black or Brown racial identity.

§13 – Self-declaration as Black or Brown for differentiated scoring is subject to confirmation by a hetero-identification panel.

§14 – If self-declared racial identity is not confirmed, the candidate will be disqualified. If already appointed, their admission may be annulled after due administrative proceedings, without prejudice to other applicable penalties.

§15 – Indigenous candidates must present the Administrative Registry of Indigenous Birth (RANI) for themselves or, if unavailable, for one parent, at the time of registration.

§16 – Exceptional cases may be evaluated by the Council for Inclusion and Belonging, which may accept alternative proof of Indigenous identity, such as a statement of ethnic belonging signed by Indigenous leaders, under penalty of law.

§17 – Current regulations for self-declaration as Black, Brown, or Indigenous, as well as confirmation procedures, are available on the USP General Secretariat's website.

§18 – For item III, documents listed in Article 209 of Federal Decree No. 57,654/1966 are accepted. Male candidates aged 45 or older by December 31 of the year preceding the application period are exempt.

§19 – During registration, candidates may request to take tests in English, per Article 26 of the Institute of Chemistry's Regulations. Test content will be identical in English and Portuguese.

2. Applications will be formally reviewed by the Congregation of the Institute of Chemistry, with results published in an official notice.

Sole Paragraph – The competition must be held within 30 to 120 days from the publication of approved applications in the State Official Gazette, per Article 134, Sole Paragraph, of the USP General Regulations.

3. The competition will follow objective criteria in two phases, with weighted scores as follows:

Phase 1 (eliminary) – Written exam – weight 1

Phase 2 – I) Curriculum vitae evaluation with public defense – weight 2

II) Teaching demonstration – weight 1

III) Research Project – weight 1

§1 – Test schedules will be published in the State Official Gazette.

§2 – Candidates will be disqualified if they:

- a) Arrive late for any test or drawing of topics;
- b) Disrupt proceedings with inappropriate behavior;
- c) Bring firearms to test locations (except where legally authorized).

4. The written exam will cover general and doctrinal topics per Article 139 of the USP General Regulations.

I – The committee will prepare a list of 10 topics based on the program and provide it to candidates 24 hours before the topic drawing.

II – Candidates may propose topic replacements if they deem them irrelevant to the program.

III – The exam lasts five hours, with a one-hour open-book period at the start.

IV – Notes taken during the open-book period must be on committee-stamped

paper and attached to the final submission.

V – The exam will be read aloud in a public session and distributed to the committee.

VI – Each exam will be individually graded.

VII – Candidates scoring  $\geq 7$  (majority vote) advance to Phase 2.

VIII – Grades will be announced publicly.

5. Phase 1 results will reflect individual examiner scores, including potential differentiated scoring (item 12).
6. Only candidates passing Phase 1 proceed to Phase 2.
7. Curriculum vitae evaluation (weighted score) will assess:
  - I – Scientific, literary, philosophical, or artistic output;
  - II – University teaching experience;
  - III – Community service;
  - IV – Professional activities (if applicable);
  - V – Academic honors.
8. The teaching demonstration (40–60 minutes) will cover the program's topics per Article 137 of the USP General Regulations.
  - I – Topics will be drawn 24 hours in advance.
  - II – Candidates may propose topic replacements.
  - III – Demonstrations may use any teaching materials.
  - IV – Groups of  $\leq 3$  candidates may be formed if necessary.
  - V – Presentations under 40 minutes receive a zero.
9. The research project (Portuguese/English) submitted during registration will be presented publicly (20–30 minutes) and evaluated for:
  - a) Alignment with departmental research lines;
  - b) Relevance to the department's field;
  - c) Originality;
  - d) Feasibility given existing infrastructure.
10. Final scores will be weighted averages of Phase 1 and 2 results, including potential differentiated scoring.

11. Scores range from 0 to 10 (one decimal place).
12. Differentiated scoring applies to Black, Brown, and Indigenous candidates as follows:

§1 – Formula:  $PD = (MCA - MCPPI) / MCPPI$

Where:

- PD = Differentiated score added to each phase's results.
- MCA = Average score of non-PPI candidates.
- MCPPI = Average score of PPI candidates.

§2 – Adjusted score:  $NFCPPI = (1 + PD) * NSCPPI$  (capped at the maximum score).

§3 – Calculations use two decimal places (rounded up at  $\geq 0.5$ ).

§4 – PD applies only to eligible candidates meeting minimum scores.

§5 – PD is void if no eligible PPI candidates exist.

§6 – PD is void if  $MCPPI > MCA$ .

13. Results will be announced publicly after the competition.
14. Candidates require a majority score of  $\geq 7$  for qualification.
15. Examiners will nominate candidates based on scores.
16. The highest-ranked candidate will be proposed for appointment.
17. Appointment is contingent on medical clearance by the DPME (State Medical Examinations Department).
18. Hiring follows Resolution No. 7271/2016.
19. RDIDP faculty must maintain exclusive employment with USP (Article 197, USP General Regulations).
20. The competition is immediately valid; only the top-ranked candidate will be nominated.
21. Appointment notices will be published in the State Official Gazette.
22. Further information is available at the Institute of Chemistry's Academic Division (email: [assacad@iq.usp.br](mailto:assacad@iq.usp.br); phone: +55 11 3091-3843, Mon–Fri, 9 AM–5 PM).

## ANNEX – JUSTIFICATION FOR THE TEACHING POSITION

## TEACHING

The new faculty member will contribute to undergraduate chemistry courses at IQ-USP, including over 15 general chemistry courses. They will also develop extension-integrated curricula, fostering student engagement and institutional belonging.

## RESEARCH AND INNOVATION GOALS

The position targets researchers specializing in extension (not parallel activities). Research areas include novel outreach methodologies, chemistry dissemination strategies, and impact metrics, aligning with CEPIDs, INCTs, and USP's Comprehensive Study Centers.

## CULTURE AND EXTENSION GOALS

The faculty will coordinate extension activities at DQF, enhancing public perception of chemistry and reducing inequalities by engaging public-school students