

EDITAL – CONCURSO PROFESSOR DOUTOR – 2 FASES – 01 VAGA

**INSTITUTE OF CHEMISTRY
UNIVERSITY OF SÃO PAULO
Notice ATAC/302024/iqusp**

OPENING OF APPLICATIONS FOR THE PUBLIC COMPETITION OF TITLES AND EXAMS AIMING TO FILL 01 (ONE) POSITION OF ASSOCIATE PROFESSOR 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, according to the decision made by the Congregation in the ordinary session held on 27/06/2024, applications will be open for a period of 90 (ninety) days, starting at 10:00 a.m. (Brasília time) on 25/07/2024 and ending at 5:00 p.m. (Brasília time) on 22/10/2024. Applications are for the public competition of titles and exams for the position of Associate Professor, reference MS-3, in the Full Dedication to Teaching and Research (RDIDP) regime, position number 1244418, with a salary of R\$ 15,498.97 (May 2024), in the Department of Fundamental Chemistry, in the field of CHEMISTRY EDUCATION, according to Art. 125, paragraph 1 of the General Regulations of USP, and the respective program is as follows:

PROGRAM

1. Initial training of chemistry teachers
2. Public policies and chemistry education
3. Supervised internships and chemistry teaching in high school
4. Experimentation in chemistry teaching in high school
5. Planning and curriculum of chemistry in high school - what to teach, why to teach
6. Chemistry content for high school - difficulties in teaching and learning
7. Support materials for teaching chemistry in high school
8. Conceptions of teaching and learning and chemistry education
9. Interdisciplinarity and chemistry teaching
10. Research as a teaching activity in chemistry education

O concurso será regido pelos princípios constitucionais, notadamente o da impessoalidade, bem como pelo disposto no Estatuto e no Regimento Geral da Universidade de São Paulo e no Regimento do Instituto de Química.

1. Registration requests must be made exclusively through the link <https://uspdigital.usp.br/gr/admissao> within the indicated period. The candidate must fill in the requested personal data and attach the following documents:

I – detailed memorial and proof of published works, relevant activities related to the competition, and other information that allow the evaluation of their merits, in digital format;

II – proof of holding a Doctorate degree granted by USP, recognized by USP, or of national validity;

III – proof of compliance with military service for Brazilian male candidates (ATTENTION: criminal record declarations will not be accepted);

IV – proof of electoral compliance or a specific certificate issued by the Electoral Court within 30 days prior to the start of the registration period – Brazilian candidates;

V – official identification document;

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

§ 1º - Evidentiary elements of the memorial referred to in subsection I, such as models, artworks, or other materials that cannot be digitized, must be presented by the last business day before the start of the competition.

§ 2º - Links to Dropbox or Google Drive or any other page that can be altered by the candidate will not be accepted as proof for the items in the memorial.

§ 3º - For the purposes of subsection II, defense minutes without information about approval will not be accepted when the granting of the Doctorate degree depends on this provision within the issuing Educational Institution, and the candidate is hereby aware that in this case, the absence of proof of such approval will result in the denial of their registration.

§ 4º - USP faculty members will be exempt from the requirements referred to in subsections III and IV, provided they have proven due compliance at the time of their initial contract.

§ 5º - Foreign candidates will be exempt from the requirements of subsections III and IV, but must prove they are in regular status in Brazil.

§ 6º - A foreign candidate approved in the competition and nominated for the position may only take office if they present a temporary or permanent visa that allows them to engage in remunerated activity in Brazil.

§ 7º - At the time of registration, candidates with disabilities must submit a request for the necessary conditions to be provided for taking the tests.

§ 8º - It is the candidate's full responsibility to upload each of their documents in the specific field indicated by the system at the link <https://uspdigital.usp.br/gr/admissao>, and the candidate is hereby aware that uploading documents in a different order than established there will result in the denial of their registration.

§ 9º - It is the candidate's full responsibility to present their documents in their entirety (front and back) and in a readable file, and the candidate is hereby aware that if they do not correct any irregularity in the upload of incomplete or illegible documents during the registration period, their registration will be denied.

§ 10 - The submission of documents by the candidate after the deadline will not be accepted, even in the case of an appeal.

§ 11 - At the time of registration, the candidate who declares themselves as Black, Brown, or Indigenous will indicate their interest in participating in the different scoring provided for in item 11 and its paragraphs of this Notice.

§ 12 - To qualify for the bonus for candidates who declare themselves as Black and Brown, the candidate must have phenotypic traits that characterize them as Black or Brown.

§ 13 - The self-declaration as Black or Brown made by the candidate who indicates their interest in participating in the different scoring will be subject to confirmation by a hetero-identification panel.

§ 14 - In the event of non-confirmation of the racial self-declaration, the candidate will be eliminated from the competition, and if they have been nominated, they will be subject to the annulment of their admission to the service or public employment, after an administrative procedure in which they are assured the right to a defense, without prejudice to other applicable sanctions.

§ 15 - To confirm the self-declaration of an Indigenous candidate, the Administrative Birth Registry of the Indian (RANI) must be presented at the time of registration, or, in its absence, the RANI of one of their parents.

§ 16 - Exceptional situations may be evaluated by the Inclusion and Belonging Council, which may accept the confirmation of the candidate's self-declaration as Indigenous through a combination of a memorial and a declaration of ethnic belonging signed by chiefs, leaders of Indigenous communities, associations, and/or representative organizations of Indigenous peoples from the respective regions, under the penalties of the Law.

§ 17 - The current rules for presenting documents related to the self-declaration as Black, Brown, and Indigenous, as well as for their confirmation, are available on the USP General Secretariat website (<https://secretaria.webhostusp.sti.usp.br/?p=12343>).

§ 18 - For the purposes of subsection III, the documents listed in article 209 of Federal Decree No. 57,654/1966 will be accepted, and candidates of the male sex who have reached the age of 45 by December 31 of the year prior to the registration period will be exempt from this requirement.

§ 19 - At the time of registration, the candidate may indicate their intention to take the tests in English, according to article 26 of the Institute of Chemistry Regulations. The content of the tests conducted in English and Portuguese will be identical.

2. The registrations will be judged by the Congregation of the Institute of Chemistry in their formal aspect, with the decision published in a notice.

Sole paragraph – The competition must take place within thirty to one hundred and twenty days from the date of publication of the approval of the registrations in the Official State Gazette, in accordance with article 134, sole paragraph, of the USP General Regulations.

3. The competition will be conducted according to objective criteria, in two phases, through the assignment of scores in tests, divided as follows:

1st phase (eliminary) – written test – weight 01 (one)

2nd phase – I) evaluation of the memorial with public questioning – weight 02 (two)

II) teaching test – weight 01 (one)

III) another test at the discretion of the Unit – weight 01 (one)

§ 1º – The call for the registered candidates to take the tests will be published in the Official State Gazette.

§ 2º – Candidates who arrive after the established time will not be allowed to take the tests.

§ 3º – In the evaluation of the tests by the judging committee, the purpose for which the vacancy (granting of the teaching position) was created, available in the attachment to this notice, will be considered.

3. The written test, which will cover a general and doctrinal topic, will be conducted in accordance with the provisions of article 139, and its sole paragraph, of the USP General Regulations.

I – The committee will organize a list of ten topics based on the competition program and will inform the candidates of it 24 (twenty-four) hours before the draw of the topic, and it will be allowed to require the candidates to carry out other activities during this period; II – The candidate may propose the replacement of topics immediately after becoming aware of their statements if they believe they do not belong to the competition program, with the judging committee deciding immediately on the validity of the claim; III – Once the topic is drawn, the non-extendable period of five hours for the test begins; IV – During the first sixty minutes after the draw, consultation of books, periodicals, and

other bibliographic documents will be allowed; V – The notes made during the consultation period may be used during the test and must be made on paper signed by the committee and attached to the final text; VI – The test, which will be read in a public session by the candidate, must be reproduced in copies to be delivered to the members of the judging committee at the beginning of the session; VII – Each test will be evaluated individually by the members of the judging committee; VIII – Candidates who receive a minimum score of seven from the majority of the judging committee members will be considered qualified for the second phase; IX – The judging committee will present the scores received by the candidates in a public session.

4. ☑ At the end of the evaluation of the written test, each candidate will receive a final score from each examiner, considering the possible application of the different scoring according to item 11 of this Notice.
5. ☑ Only the candidates approved in the first phase will participate in the second phase.
6. The evaluation of the memorial, expressed through an overall score, including questioning and assessment, should reflect the merit of the candidate. Sole paragraph – In the evaluation of the memorial, the committee will consider: I – scientific, literary, philosophical, or artistic production; II – university teaching activities; III – activities related to community service; IV – professional or other activities, as applicable; V – diplomas and other academic honors.
7. The teaching test will be public, with a minimum duration of forty and a maximum of sixty minutes, and will cover the program of the above-mentioned area of knowledge, in accordance with article 137 of the USP General Regulations.
 - I – The judging committee, based on the competition program, will organize a list of ten topics, which the candidates will be informed of immediately before the draw of the topic;
 - II – The candidate may propose the replacement of topics immediately after becoming aware of their statements if they believe they do not belong to the competition program, with the judging committee deciding immediately on the validity of the claim;
 - III – The test will take place 24 (twenty-four) hours after the draw of the topic, which will be at the candidate's free disposal, without requiring them to perform other activities during this period;
 - IV – The candidate may use any teaching material they deem necessary;
 - V – If the number of candidates requires it, they will be divided into groups of no more than three, following the order of registration, for the purposes of the draw and the test;
 - VI – When the 60th (sixtieth) minute of the test is reached, the Judging Committee must interrupt the candidate;
 - VII – If the candidate's presentation ends before the 40th minute of the test, the examiners must give the candidate a zero grade for that test.
9. The research project, to be written in Portuguese or English and submitted at the time of registration for the competition, must be presented by the candidate in a public session lasting a minimum of 20 (twenty) minutes and a maximum of 30 (thirty) minutes, followed by questioning by the panel, considering: (a) its adequacy to the research lines of the Unit, (b) its alignment with the department's area of activity, (c) its originality, and (d) its feasibility in light of the existing infrastructure in the Unit; followed by the respective questioning.
10. At the end of the evaluation of the tests, each candidate will receive from each examiner a final score, which will be the weighted average of the scores given by the examiner in the two phases, considering the weights mentioned in item 3 and the possible application of the different scoring, as per item 12 of this notice.
11. The test scores may range from zero to ten, with an approximation to one decimal place.12. Different scoring will be applied to Black, Brown, and Indigenous candidates, as specified below.

§ 1º - The formula for calculating the different scoring to be attributed to Black, Brown, and Indigenous candidates in all phases of the public competition is:

$$PD = (MCA - MCPPI) / MCPPI$$

Where:

- PD is the different scoring to be added to the scores, in each phase of the public competition, of all Black, Brown, or Indigenous candidates who expressed interest in participating in the different scoring.
- MCA is the average score of the general competition among all candidates who scored, excluding those who were disqualified, i.e., those who did not achieve the minimum score referred to in items 4 and 13 of this Notice. "General competition" means all candidates who scored and did not declare themselves as Black, Brown, or Indigenous and those who, having declared themselves as Black, Brown, or Indigenous, chose not to participate in the different scoring.
- MCPPI is the average score of the PPI competition among all candidates who scored, excluding those who were disqualified.

§ 2º - The formula for applying the different scoring to the final scores of Black, Brown, and Indigenous candidates in each phase of the public competition is:

$$NFCPPI = (1 + PD) * NSCPPI$$

Where:

- NFCPPI is the final score in the phase of the public competition after the application of the different scoring, which will generate the candidate's ranking in the stage of the public competition, limited to the maximum score provided in the notice. At the end of the competition phase, the final score becomes the candidate's simple score.
- NSCPPI is the simple score of the beneficiary candidate, on which the different scoring will be applied.

§ 3º - The calculations referred to in §§ 1º and 2º of this item must consider two decimal places, and fractions equal to or greater than 0.5 (five tenths) must be rounded up to the next whole number.

§ 4º - The different scoring (PD) provided for in this item applies to all eligible beneficiaries, i.e., those who have achieved the minimum performance established in the competition notice, considering, for this purpose, the simple score.

§ 5º - In the absence of beneficiary candidates of the different scoring among the qualified ones, the different scoring will not be calculated.

§ 6º - The different scoring will not be applied when, in the formula for calculating the different scoring (PD), the MCPPI (average score of the PPI competition) is greater than the MCA (average score of the general competition). The results of the competition will be announced by the judging committee immediately after its conclusion, in a public session.

Candidates who receive a minimum final score of seven from the majority of the examiners will be considered qualified.

The recommendation of candidates will be made by each examiner, based on the scores they have given. The candidate who receives the most recommendations from the judging committee will be proposed for appointment.

The appointment of the recommended candidate will be subject to approval in a medical examination conducted by the State Medical Examinations Department (DPME), in accordance with Article 47, VI, of Law No. 10.261/68. The appointment of the professor approved in the competition and other resulting measures will be governed by the terms of Resolution No. 7271 of 2016.

8. The professor in RDIDP must maintain exclusive employment with USP, under the terms of article 197 of the USP General Regulations.

9. The competition will have immediate validity, and only the candidate indicated for the position put up for competition will be proposed for appointment.
10. The candidate will be summoned for taking office through the Official State Gazette.
11. Further information, as well as the relevant regulations for the competition, are available to interested parties at the Academic Technical Assistance of the Institute of Chemistry of the University of São Paulo, via email at assacad@iq.usp.br or by phone at 11 3091-3843, from Monday to Friday, from 9 am to 5 pm.

ATTACHMENT – JUSTIFICATION FOR THE GRANT OF THE TEACHING POSITION

INDIVIDUALIZED PLAN

TEACHING - GOALS The concern with innovations in teaching is addressed in the IQ Academic Project, and tackling this issue will benefit from hiring a professor who brings knowledge and experience in innovative strategies applied to teaching. The positive impact of the new professor's work will extend to students from units such as IF, IME, IB, EACH, IGc, who take IQ courses as electives or optional subjects. Interaction with other courses is expected to grow in the coming years, given the guidelines of the National Common Core Curriculum that address the teaching of Natural Sciences in an integrated manner. It is expected that the new professor will share their experiences with professors from other units and receive contributions from them for IQ.

RESEARCH AND INNOVATION - GOALS The profile of the new professor should be interdisciplinary: their prior training should include in-depth knowledge of Chemistry and research in Science Education. The research project should demonstrate the ability to promote innovations in research in the area of Science Education.

CULTURE AND EXTENSION - GOALS (DESCRIBE ACTIVITIES, INDICATORS, AND DEADLINES) The professor should qualify as a supervisor in the PIEC and, eventually, in the Chemistry Program, in order to strengthen their research lines. This is projected to have a multiplier effect of the new strategies for undergraduate teaching developed at IQ, by involving graduate students who will in the future be teacher educators in public or private higher education institutions, Basic Education teachers, or science communicators to society.