

**Call for Postdoctoral Positions
Universidad de O'Higgins
August 2024, URO 21991 Project**

Conditions

Background

1. This document contains the conditions and requirements for the Call for Postdoctoral positions August 2024 at Universidad de O'Higgins.
2. Universidad de O'Higgins is a state-funded Higher Education institution that undertakes scientific research with excellence, providing comprehensive educational development to its students, and first and foremost contributing to the cultural, material, and social development in the Libertador General Bernardo O'Higgins Region.
3. The academic organization in Universidad de O'Higgins considers the existence of:
 - (i) Research Institutes with a multidisciplinary approach
 - (ii) Undergraduate Schools
4. The researchers that will be selected within this call, will be appointed full-time in a Fee Agreement modality. The positions will be destined to perform as postdoctoral researchers in the Research Institutes for one (1) year, being able to extend this period for an additional year (maximum two (2) years).
5. Within the applicants, the University will select one (1) postdoctoral researcher for each of their Research Institutes:
 - Social Sciences,
 - Educational Sciences,
 - Engineering Sciences,
 - Agri-food, Animal and Environmental Sciences, and
 - Health Sciences

Applicant's Profile

6. The applicants should be in possession of a Doctorate's Degree, obtained from July 30th 2020, and until the deadline of this call.

For applicants who have become mothers between July 30th 2020 and the deadline of the call, the date considered will be July 30th 2019. In the case of having more than one child, an additional year will be considered for each child. In the same way, this extension can be considered for researchers who, during the same period of time, have been granted the personal care or tuition as a protective measure, or as seen in the articles 19, or 24 in the 19.620 law, about minors adoption. Also, researchers with disabilities can also consider the accomplishment of their doctoral degree from July 30th 2019.

7. In addition to their research work, the selected researchers should teach at the Undergraduate level, according to the following retribution criteria:

- They should teach one undergraduate course per year, as the teacher in charge of the course (or equivalent).
- They can teach a maximum of 2 courses per year, and in this case, the courses should be divided in the 2 semesters.

8. To be part of the **Social Sciences Institute**, the university invites to apply researchers from the following field:

a) Psychology. We seek candidates with research experience in Experimental Psychology, Experimental Psychopathology or related fields, with expertise and experience in the study of basic psychological processes (particularly Learning), and interest in translational research, or the association between basic processes and the onset, persistence, or treatment of psychological disorders. Experience and knowledge in designing and programming experiments, and human models of fear conditioning and aversive learning, will be highly valued.

Applicants are expected to have skills to work in multidisciplinary environments and to be highly motivated to develop research lines with regional relevance.

9. To work at the **Institute of Health Sciences**, researchers from the Health, Biomedical Sciences and related areas are invited to apply, with specialization in the following areas:

- a) Sensory and cognitive neurosciences and
- b) Chronic diseases - nutrition and mental health

10. The **Institute of Educational Sciences** invites applications for the position of postdoctoral researcher in the following research lines:

- a) "Identities, integration, and socialization," with research projects that investigate interculturality in three possible areas: interculturality and/or interculturality, the arts, and social justice; interculturality, migration, and/or national/regional identities through literature; or interculturality and/or migration through language and/or Critical Discourse Studies;
- b) "Mathematics education" with an interest in research topics such as teacher noticing, assessment, teacher education in mathematics, and/or classroom observation. A willingness to use mixed research methodologies is desirable; finally,
- c) "Early childhood pedagogy," with an interest in topics related to the role of play in early childhood, experiences in outdoor spaces, research with children, alternatives to the deschooling of early childhood education, family participation or work with families, and teacher training and reflection. This call is open to qualitative methodologies and critical perspectives and theories in early childhood education.

11. To work at the **Institute of Agri-Food, Animal and Environmental Sciences (ICA3)**, researchers with specialization in Agri-Food and/or Animal Science with emphasis on any of the following areas: Biotechnology applied to sustainable animal production, animal health and/or foods of animal origin; or applied microbiology in zoonotic and/or Food safety are invited to apply.

12. To be part of the **Engineering Sciences Institute**, we invite researchers who work in topics related to the current research areas:

- (a) AI and Robotics;
- (b) Applied Mathematics;
- (c) Computational Biology and Biotechnology;
- (d) Energy and Systems Control;
- (e) Geosciences;
- (f) Operations Research; and
- (g) Physics, Mechanics, and Materials.

We are looking for a person whose work enhances connections within the research area, for which the applicant is invited to contact the academics involved.

Requirements and documentation to apply

13. In order to be considered for this position, the applicants must meet the following requirements:

- a) To have a doctorate degree, obtained between July 30, 2020, and to the deadline of this call (check article 6 in this document for maternity/paternity and disabilities)
- b) To show research ability at an international level through top-tier scientific publications and participation in research projects with external funding,
- c) To demonstrate collaboration potential, with one or more academics in the institute they are applying for. To guarantee this collaboration, we will request a compromise from the researcher to be the sponsor.

14. To demonstrate compliance with the above requirements, applicants must have the following documents digitized in PDF format at the time of application

- a) CV: Including scientific publications from the last 5 years. For women researchers who have become mothers from 2019, the period can be extended, including the publications from 2016 (last 8 years). If there is more than one child, one year can be added in terms of scientific productivity per child. The same criteria is applied for researchers who have been granted the personal care or tuition as a protective measure, or as seen in the articles 19, or 24 in the 19.620 law, about minors adoption. Researchers with disabilities will be able to include publications from 2017 (last 7 years).
- b) Academic and Professional Degrees: For the Doctoral degree, a copy of the degree must be attached, a document that demonstrates the possession of this degree or a certification emitted by the Postgraduate Direction or competent authority in the institution that can demonstrate the accomplishment of the requirements for its obtention (provisional documents or certificates).
- c) A Research plan (maximum three pages long) that accounts for the specific research area that they will develop, including the general exposition of the line of research and their relevance for the institution and region, hypothesis, objectives, methodology, as well as a proposal for activities and work plan and bibliography for the next 2 years.
- d) Identification of the research line(s) of the Institute they are applying for, indicating the potential collaborators. The relevant information about Research & Development in the Institutes and academic staff can be found in www.uoh.cl.
- e) Child(ren) birth certificate(s), and/or court's resolution that granted the personal care or tuition, signed and executed, and/or a certificate emitted by *Registro Civil* or *COMPIN* (Registry or Commission of Preventive Medicine and Disability), or an equivalent foreign entity. These certificates should be attached in case one of the date extensions regarding the obtention of the doctorate degree and information presentation in the CV, according to the details presented in articles 6 and 14 in the present document.
- f) Research integrity: In the moment of the application, the applicants adhere to the principles of the Singapore Statement, as a global guide about research integrity, compromising to

accomplish the principles during the research work associated with the execution of the project. The University could declare the early termination of the research project, if any lack of research integrity is detected.

15. Certifications and ethical, bioethical, biosecurity, or use of animals for experiments authorizations: The research projects should meet the current regulations and standards that regulate the scientific activity in the areas. In this way, it will be required to attach the specific certifications and authorizations, for those projects involving:

- a) Human subjects,
- b) Animals,
- c) Biosecurity risk,
- d) Archaeological sites, paleontological material,
- e) Archives or Databases that contain sensitive information.

These certifications must be processed by the selected researchers, according to the forms of each of the University Scientific Committees. The deadline to obtain it, will be no more than three (3) months from the beginning of their work at the University. This requirement will condition the continuity of the researcher. Visit <https://www.uoh.cl/investigacion/>, for related information of Committees.

16. The original documentation or authorized copies required for hiring the selected researchers, will be requested once the selection steps will be ended.

Application deadline

17. The applicants interested in this call must send the required documents by October 7th 2024, at 4 pm (Chilean time), through the form for this process, available at the following link: www.uoh.cl/concurso-postdoctorado

Postdoctoral Call Commission

18. The applicants will be selected by a commission, that will be composed of:

- a) The Vice Rector for Research and Postgraduate Studies, presiding the commission
- b) The Academic Vice Rector

- c) The Institute Director, according to the application. In the case of applying to more than one Institute, both directors will participate
- d) An academic, member of the Institute Council, chosen by the same Council.

19. The members of the Commission will agree on the assessment document to consider the applicants' background information, according to their area of study and considering the quality criteria related to scientific productivity, relevance of the area, quality and feasibility of the research plan, and the potential of integration to the research teams in the related area. This document will be shared to the Institutes, through their Director, in order to perform the evaluation of the applicants. The Institute Director will send to the Commission a list of three prioritized candidates.

20. For the prioritized applicants, an interview will be considered by the Commission. It could be in person or virtually according to each case. The assessment will be applied, according to the above criteria.

21. The Commission will inform the results of the process to the Rector, recommending the selection of the candidates according to the applied evaluation criteria.

22. The selected candidates that have an existing registration in the National Registry of Unpaid Child Support, should comply with the statement in the article 36, law 21389, in order to authorize, as a condition, that the University can hold and pay the amount of the future child support directly to the affected person, plus a ten percent, that will be allocated to the Child Support Debt, until it is finished.

End of the Process

23. The Rector of the University will ratify or reject the Commission recommendations.

24. The selected candidates will be notified, indicating the deadline to accept the offered position, and the documents required.

Conditions of affiliation to the university

25. The researchers that will be selected within this call, will be hired full-time in a Fee Agreement modality, and will perform as postdoctoral researchers in the Research Institutes for one (1) year,

being able to extend this period for an additional year according to the postdoctoral researchers' evaluation procedure.

26. The monthly gross remuneration offered will be CLP\$1.900.000.

27. The selected candidates will get an annual fund for research activities of CLP\$2.500.000 (approximately USD \$2.875).

Application and questions

28. Applicants will be able to send questions to the following email address: mail: concurso.postdoc@uoh.cl until September 13th. They can download this document and send their application information through the platform available for this purpose www.uoh.cl/concurso-postdoctorado until October 7th 2024, at 4.00 pm (Chilean time), according to the established dates.

Stages and dates of the process

Publication of the conditions	Septiembre 3rd 2024
Reception, response and publication of questions	From September 3rd to September 13th, 2024
Reception of applications deadline	October 7th, 2024 (4 pm)
Constitution of the Academic Applications Committee	October 7th, 2024
Evaluation of applicants' background information	October 7th to October 25th, 2024
Final Report by the Academic Applications Committee	October 28th, 2024
Decision by the Rector	October 29th, 2024
Information sending to the applicants	October 30th, 2024

Final Considerations

30. The University places on record that, the positions of postdoctoral researchers offered in this process do not constitute a direct step to get an academic position in UOH. There is another selection process for the academic positions in which all applicants, either internal or external, have the same chances.

Rancagua, August 30th 2024