



## 2024 USM POSTDOCTORAL RESEARCH PROGRAM

Universidad Técnica Federico Santa María (USM) is offering postdoctoral fellowships, in any of the following areas of knowledge: engineering (all areas), physics and astronomy, mathematics, chemistry, biotechnology, computer science, economic and social sciences (including gender research), architecture and design.

### BENEFITS

The postdoctoral positions will be awarded for a period of 2 years. The position includes a monthly gross salary of CLP\$2.305.611. In addition, for applicants living abroad, an installation benefit consisting of up to CLP\$500.000 is considered.

### APPLICATION REQUIREMENTS

Applicants must fulfill the following requirements:

1. To hold a Ph.D. degree in one of the areas of knowledge specified in this call. The
2. Evidence of scientific productivity in peer-reviewed journals included in Web of Science, Scopus and ERIH PLUS in the last 5 years, according to your field of research (female applicants may add one year for each child born during or after pursuing the Ph.D. degree).

### DOCUMENTS

For the application to be admissible, applicants must present the following documents:

1. Cover letter, including your motivation to hold the postdoctoral position.
2. Updated CV, including educational degrees and a complete list of indexed publications (following the provided template).
3. Documentation providing evidence of the possession of a Ph.D.
4. A research statement indicating a clear research proposal to be developed at USM, including state of the art, hypothesis, general and specific objectives, methodology, work plan and expected results (maximum length of 3 pages). In addition, consider 2 pages on bibliographic references.
5. Two updated reference letters (PhD supervisor is mandatory).
6. Letter of commitment of a USM Academic or researcher as sponsor, following the provided template.

All the documentation must be emailed to [investigacion@usm.cl](mailto:investigacion@usm.cl) under the subject "2024 USM Postdoctoral Application".



## RESTRICTIONS AND OBLIGATIONS

1. Applicants must have been awarded a Ph.D. degree within the last 3 years (not prior to November 2021).
2. Applicant must not have previously completed a post-doctorate.
3. Foreign researchers are required to obtain all necessary documents including corresponding Visa before their starting date. Please note that the visa process can take at least 6 months.
4. Selected postdoctoral researchers are responsible for holding the necessary health insurance and other labor laws required by Chilean authorities.
5. The postdoctoral researcher is expected to conduct high quality research with results published in high impact factor WoS journals, Scopus and ERIH PLUS, according to their field of research. The article must acknowledge the contribution given by the Universidad Técnica Federico Santa María.
6. The postdoctoral researcher must apply for an externally funded research grant, such as the Fondecyt Postdoctoral Funding Competition.
7. The USM Sponsor of the applicant must not be currently sponsoring a Postdoctoral Researcher USM, and the Sponsor must be sponsoring for the entire duration of the proposal.

## EVALUATION

Applications will be evaluated by a technical committee appointed by the General Direction of Research, Innovation and Entrepreneurship of USM, based on the following criteria:

1. Research accomplishments (publications, grants and awards): 50%.
2. Research statement: 30%
3. Letter of commitment of USM Academic or researcher and expected impact for USM: 20%

As part of USM commitment to gender diversity and inclusion, female candidates evaluated in the same tier<sup>1</sup> of accomplishment will be selected.

## IMPORTANT DATES

- Application deadline: December 09, 2024
- Application results: January 2025.

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<sup>1</sup> Tiers are defined in quintiles.



### LIST OF INDEXED PUBLICATIONS

Year	Title	DOI	Journal	WoS/Scopus/ERIH PLUS

(\*) Add as many rows as necessary.



## LETTER OF COMMITMENT

City, Month/day/ 2024

Name and Last name, Academic/Researcher at the Name of the Department or Center, hereby confirm the sponsorship of Name of the applicant to the “2024 USM Postdoctoral Research Program” at Universidad Técnica Federico Santa María.

Additionally, the Name of the Department or Center, Campus/Sede \_\_\_\_\_ is committed to provide the requirements for the proper installation process, including infrastructure (office and/or laboratory space), equipment, and operational expenses, if applicable to the candidate research needs.

### Declaration of research impact

*A brief description of the expected impact and contribution of the applicant to the research team must be described (limit 300 words). It is appropriate to indicate clearly and concisely how it is estimated that the postdoctoral researcher will impact the research of the hosting group, with special emphasis on the complementary contribution that the researcher will provide.*

This letter is extended to Name of the applicant to be presented along with the other documents to the 2024 USM Postdoctoral Research Program.

\_\_\_\_\_  
Sponsor Name  
Department/Center  
Universidad Técnica Federico Santa María

\_\_\_\_\_  
Director Name  
Department/Center  
Universidad Técnica Federico Santa María



UNIVERSIDAD TÉCNICA  
FEDERICO SANTA MARÍA

DIRECCIÓN GENERAL  
DE INVESTIGACIÓN,  
INNOVACIÓN Y  
EMPREDIMIENTO