



UCSC



Call for Applications: Postdoctoral Fellowship 2018

Universidad Católica de la Santísima Concepción

Concepción, Chile.

The Universidad Católica de la Santísima Concepción's mission is to consolidate our research in science and technology, as well as the humanities and social science. As part of a strategy to position ourselves at a national and international level in the generation of knowledge that contributes to society, the University is receiving applications for postdoctoral fellowships in order to further research in:

- Center for Research on Biodiversity and Sustainable Environments (CIBAS - www.cibas.cl)
- Center for Research on Education and Development (CIEDE - ciede.ucsc.cl)
- Other key areas for the University

In this context, national and foreign researchers with a doctoral degree are invited to apply for a UCSC postdoctoral fellowship. Candidates who are accepted for a postdoctoral position will be provided with facilities and equipment to carry out research in this call's areas of interest, as well as research support mechanisms.

Benefits of the UCSC Postdoctoral Fellowship.

- Full-time dedication to the development of research, with no teaching obligations.
- Monthly salary of \$1,000,000 Chilean Pesos, after taxes, for 1 year, with the possibility to renew for a 2nd year, depending on performance.
- Incentive for scientific production.
- Support and sponsorship from the Institution, Centers and/or UCSC researchers when applying for external funding.

Requirements

- Chilean or foreigner with a doctoral degree awarded from a national or international university, **obtained between 2015 and August of 2018.**
- Demonstrated outstanding scientific production.
- Selected candidates will be obligated to apply for FONDECYT Postdoctoral funding during the year they are sponsored by the UCSC, and maintain a minimum annual scientific productivity affiliated to the UCSC. See the following link for more information on the FONDECYT Postdoctoral funding (in Spanish): <http://www.conicyt.cl/fondecyt/2016/09/06/concurso-postdoctorado-2018/>



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Research Areas

For the present call, CIBAS has defined the following research areas:

- CIBAS_1. Bioproducts derived from residual biomass
- CIBAS_2. Ecology and evolution of marine organisms, including invertebrate and seaweed
- CIBAS_3. Biochemical footprint in forest ecosystems
- CIBAS_4. Phytoremediation with native plants
- CIBAS_5. Geochemical characterization of urban sedimentable dust
- CIBAS_6. Surface or subterranean hydrology
- CIBAS_7. Ecology of river ecosystems
- CIBAS_8. Trophodynamics in coastal marine systems

For the present call, CIEDE has defined the following research areas:

- CIEDE_1. Integration of ICT in educational innovation and teacher training
- CIEDE_2. Discourse and argumentative practices
- CIEDE_3. Writing in Higher Education
- CIEDE_4. Initial reading: learning and teaching practices

For key research areas, the following areas of interest have been defined:

- AP_1. Natural disasters: Earthquakes, tsunamis, alluviums
- AP_2. Elimination of the emissions of volatile organic compounds by photocatalytic oxidation using new types of semiconductors
- AP_3. Heterogeneous catalytic ozonation of volatile organic compounds using nanomaterials

Application

The following documents should be sent to dii@ucsc.cl by March 29, 2018:

- Current CV
- Cover letter, including current and perspective research areas
- Copy of doctoral degree

Applicants must **NOT** have previously been awarded Fondecyt Postdoctoral funding.

For further information, please contact Mr. Cristian San Martin Villarroel, Research and Innovation:
csanmartin@ucsc.cl

For applications to CIBAS codes: abrante@ucsc.cl