



FACULTAD DE CIENCIAS BIOLÓGICAS PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE

THE SCHOOL OF BIOLOGICAL SCIENCES AND THE SCHOOL OF ENGINEERING CALL FOR A JOINT REGULAR FACULTY POSITION IN COASTAL PHYSICAL OCEANOGRAPHY

DESCRIPTION OF THE POSITION

The Pontificia Universidad Católica de Chile invites applications for a full time Assistant Professor position (tenure track) in Physical processes of the coastal ocean and the marine coastal border. The specific post will be shared between the School of Biological Sciences (primary affiliation) and the School of Engineering. The selected applicant should have experience with oceanographic instruments, field oceanographic studies and the analysis of geophysical signals. Experience modeling meso-scale circulation, and topographically-modulated coastal processes such as tides and waves will be highly valuable. It is expected the new faculty will collaborate and support existing research on marine renewable energies with a strong focus in establishing interdisciplinary collaborations.

POSITION RESPONSABILITIES

- The selected applicant should develop an independent research program, demonstrating capacity to lead research projects in physical oceanography, coastal engineering and coastal processes.
- He/she should be prepared to teach courses at the undergraduate level such as Physical-Biological Oceanography for Marine Biology majors at the School of Biological Sciences and Fluid Mechanics for Engineers in the School of Engineering. He/she could also participate in courses for graduates related to General Oceanography, Coastal Engineering and Environmental Fluid Mechanics.
- While most teaching will be done in Santiago, the new faculty is expected to establish his/her research laboratory and main office at the Estación Costera de Investigaciones Marinas (ECIM) of the Pontificia Universidad Católica de Chile at Las Cruces. Communication with faculty members at the main campuses of the University in Santiago will be essential.

APPLICATION REQUIREMENTS

Applicants should have a PhD degree in engineering, physical sciences, mathematics or marine biology and demonstrated experience in physical oceanography, oceanic engineering or similar fields. Preference will be given to applicants with postdoctoral experience.

SELECTION CRITERIA

- Academic trayectory and quality of the scientific production of the applicant
- Experience in interdisciplinary work
- Academic references
- Potential for integration into the academic activities of the Department of Ecology at the School of Biological sciences and the Department of Hydraulic and Environmental Engineering at the School of Engineering.

APPLICATION PROCESS

Applicants are expected to:

- Send a complete Curriculum Vitae, including reprints of relevant publications.
- Send a letter of intent specifying the reasons that drive their application and how they fit into the interdisciplinary program described above.
- At least two letters of reference that make reference to the trayectory and academic credential of the candidate that should be send directly to the Academic Secretary of the School of Biological Sciences.

The position is full time and conditional upon the periodic evaluation carried out by the School of Biological Sciences and will be ruled by the reglament on shared appointments of the Pontificia Universidad Católica de Chile.

WHERE TO SEND APPLICATIONS

Send applications to Dr. Eduardo Palma, Academic Secretary, School of Biological Sciences, Pontificia Universidad Católica de Chile, E-mail: epalma@bio.puc.cl

Deadline for applications: November 30, 2015 at 17:00