

FONDECYT postdoctoral research projects in Physics, Astronomy, and Physics Education at Universidad Metropolitana de Ciencias de la Educación (UMCE, Santiago, Chile)

The UMCE Physics Dept. is searching for candidates who may propose postdoctoral research projects to the Chilean funding agency FONDECYT, sponsored by our professors:

- Felipe Aguilar (felipe.aguilar@umce.cl): experimental physics, atomic force microscopy, instrumentation, optics, spectroscopy
- Cristián Cortés (cristian.cortes@umce.cl): stellar astrophysics, variable stars, chemical abundances
- Jorge Pinochet (jorge.pinochet@umce.cl): physics education, astronomy education
- Andreas Reisenegger (andreas.reisenegger@umce.cl): neutron stars, high-energy astrophysics, CTA and SWGO collaborations
- Lara Rodrigues (lara.rodrigues@umce.cl): astronomy education
- Nelson Sepúlveda (nelson.sepulveda@umce.cl): experimental education, STEM education, active methodologies with technology

Chile hosts many of the largest telescopes in the world, 10% of whose observing time is reserved to local scientists. It will also host several next-generation telescopes, including the Vera C. Rubin Observatory (LSST), Giant Magellan Telescope (GMT), European Extremely Large Telescope (E-ELT), Cherenkov Telescope Array (CTA), and Southern Wide-field Gamma-ray Observatory (SWGO). Santiago has become an important center for Physics and Astronomy, with research groups at several universities and other institutions, and our university has a special interest in promoting related educational research.

FONDECYT is expected to open a call with deadline in August 2026 for 2- or 3-year postdoctoral grants starting in April of 2027 and covering salary, research expenses, and a relocation allowance (if applicable). Candidates should have obtained their PhD within the last three years (precise dates to be announced), with extensions to earlier dates for female applicants who have had children during this time.

We urge candidates to contact ASAP (ideally by July 15) the professor closest to their interests, sending their CV (including PhD graduation date and a list of publications) and a brief description of research interests.

Related URLs:

- [UMCE Physics Department](#)
- [FONDECYT call for postdoctoral grants 2026 \(previous call, details might change\)](#)

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