

MILLENNIUM NUCLEUS FOR THE SCIENCE OF LEARNING, MINSOL

Impact Area: Learning science

Speciality: Education, learning, language, mathematics,
socio-affective, environmental, cognitive and neural factors

The main objective of the Millennium Nucleus for the Science of Learning (MiNSoL) is to investigate the role of socio-affective, environmental, cognitive, and neural factors in learning, especially language, and mathematics. Until now, learning has been approached from various disciplines separately, which has given us a partial view of this phenomenon. Since the challenges of education, today are complex, it is important to understand learning from different dimensions. In this way, MiNSoL aims to develop the science of learning, a new discipline that combines neuroscience, psychology, and education.

At MiNSoL, we hope to establish an ecosystem for the science of learning in three Chilean regional universities, with the participation of international centers in seven countries. The Nucleus will generate scientific knowledge through basic and applied research on learning in educational contexts. The findings will provide theoretical contributions to the area and, at the same time, evidence-based educational solutions that will be disseminated within and outside the scientific community. In addition, inter and transdisciplinary studies will be carried out that allow learning to be understood broadly and generate scientific knowledge that impacts education policies and teaching practice.

Research Lines:

- Socio-affective factors of learning.
- Environmental factors of learning.
- Cognitive and neural factors of learning.

Millennium Nucleus



>> PUBLICATION PRODUCTIVITY:

Other publications: 4

*Data updated by Millennium
Centers to Junio 2023



Millennium Nucleus



>> CONTACT INFORMATION:

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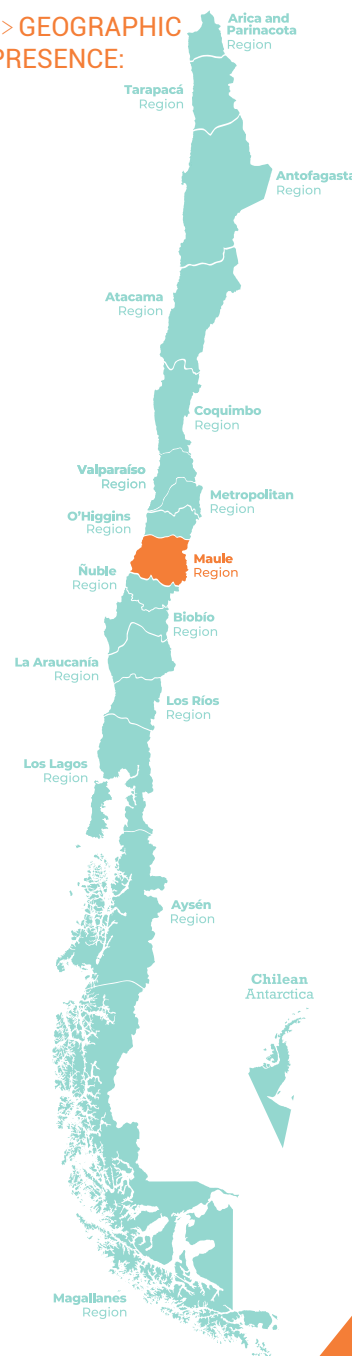
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>> RESEARCHERS:

Associate Researchers:
Romualdo Ibáñez; Carla Muñoz;
Cristian Rojas; Jorge Valenzuela.

>> GEOGRAPHIC PRESENCE:



>> MAIN ACHIEVEMENTS:

- Recently awarded Millennium Nucleus, no major achievements have been reported.



>> OUTREACH ACTIVITIES:

- Recently awarded Millennium Nucleus, no outreach activities have been reported.

Information updated to June 2023

Sponsoring Institutions:
Catholic University of Maule
University of Talca
Pontifical Catholic University of Valparaíso

