Agencia Nacional de Investigación y Desarrollo Ministerio de Ciencia,

Tecnología, Conocimiento e Innovación



# MILLENIUM NUCLEUS ON THE EVOLUTION OF WORK, **MNEW**

Focus Area: Workers, Employment, New technologies. Specialty: Economics, Psychology, Sociology and History.

Nowadays, work is rapidly transforming in terms of what workers do, how they do and how they are paid. The development of new technology and artificial intelligence will replace certain tasks and generate job displacement. Along with this, traditional labor relations have changed, leading to new contractual and non-contractual arrangements that may increase the vulnerability of some workers. These changes have been accelerated by the pandemic, which has forced people to leave their usual workplaces and has made many types of jobs more fragile.

The Millennium Nucleus on the evolution of work, MNEW, seeks to promote research from the social sciences to explore what the future holds for workers in Chile (and other emerging countries), compared to what has happened in developed economies.

The Nucleus will be associated with two prestigious universities (Pontifical Catholic University of Chile and Adolfo Ibáñez University) and will be associated with the MIT Work of the Future Center and the Future of Work program of the University of Oxford, which focus on the same problems but in the context of the developed world. MNEW is one of the first study centers on the future of work in the context of emerging country. Our research agenda will focus on two specific topics that will help us understand the growing flexibility, but also the precariousness of working conditions: new forms of work organization and technological transformation. Each area of research is associated with different disciplines, and will adopt various methodologies to answer questions about how the work will evolve. This heterogeneity of approaches is key to the MNEW.

#### Research lines:

- New forms of work organization.
- Technological transformation of work.

### Millennium Nucleus



#### >> SCIENTIFIC PRODUCTIVITY:

ISI-WOS: 8 Scopus: 1 Books or chapters: 2

#### >> CONTACT:

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#### >> RESEARCHERS:

Main tesearchers: Arturo Arriagada, Pablo Egaña Del Sol, Alexandre Janiak

Assistant Researchers: Jesús Yeves, Jorge Rojas, Luis Valenzuela, Raúl Ramirez-Vielma.

#### Senior Researchers:

Carlos María Alcover de las Heras, David Autor, Carl Benedikt Frey.



- Participation in outreach and impact events for future public policies (Future Congress, discussions, webinars).
- Training workshops for union leaders.
- Participation in committees of the Ministry of Labor and the Senate.
- Collaboration with other study centers (Fairwork, Espacio Publico, Núcleo LM2C2).



Los Lagos



## Millennium Nucleus

#### >> MAIN ACHIEVEMENTS:

- The existence of different depressive profiles related to self-critical or dependent personality styles has been confirmed.
- MIDAP has carried out studies focused on the prevention and treatment of depression with significant implications for timely access to diagnosis, treatment and training of professionals.
- MIDAP has consolidated its international scientific interaction, developing technology for the early detection of common mental illnesses and personality disorders.
- Knowledge has deepened about socio-cultural aspects linked to the development, maintenance and exacerbation of depressive symptoms, including suicidal behaviors.
- During 2020, MIDAP researchers developed multiple studies to examine the impact the social outbreak and the COVID-19 pandemic had on people's mental health.

Sponsoring Institutions: Pontifical Catholic University University of Adolfo Ibanez





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