

Natalia Madrid

San Diego, California, USA, 92037

✉ namadrid@ucsd.edu • 🌐 nataliamadridb.github.io

Education

- **Ph.D. in Economics**, University of California San Diego, USA (2023-present)
Research interests: climate change, macroeconomics, finance.
- **Master in Financial Management**, Universidad de Concepción¹, Chile (2019)
Graduated with maximum distinction, ranking 3rd in a cohort of 11 graduate students.
- **Industrial Engineering**, Universidad de Concepción, Chile (2018)
Graduated with maximum distinction, ranking 3rd in a cohort of 93 undergraduate students.
- **Bachelor of Science in Engineering**, Universidad de Concepción, Chile (2016)

Research

Published Articles:

- Mardones, C. and Madrid Becerra, N. (2020), "Ex-post evaluation of the R&D tax incentive law in Chile", *Academia Revista Latinoamericana de Administración*, Vol. 33 No. 3/4, pp. 337-359. doi.org/10.1108/ARLA-03-2019-0092

Accepted Conference Articles:

- Gallegos, J. and Madrid, N. (2019), "Evaluation of the impact of the 2008 financial crisis on capital structure of companies: evidence for Latin America", Innovation, Entrepreneurship, and Knowledge Academy Conference, University of Verona (Italy).

Conferences:

- Presentation at the Chilean Network of Innovation Researchers (2021). Paper: Ex-post evaluation of the R&D Tax Credits in Chile.

Teaching Experience

- **Teaching Assistant**, University of California San Diego, USA (2024-present)
Courses: Econometrics (undergraduate) with Prof. Graham Elliot and Prof. Yinlin Dai, Finance (MBA) and Valuation in Corporate Finance (Master) with Prof. William Mullins.
- **Adjunct Lecturer**, Universidad de Concepción, Chile (2019-2021)
Courses: General Accounting and Industrial Costs, Economic Engineering.
- **Adjunct Lecturer**, Universidad Católica de la Santísima Concepción, Chile (2020)
Courses: Quality Management, Production, and Maintenance.

Professional Experience

- **Quality Management Specialist**, Universidad de Concepción, Chile (2020-2022)
Redesign and implement a model to manage training quality at the Universidad de Concepción, focusing on supporting the continuous improvement of graduate programs.
- **Analyst**, CameronPartners Innovation Consultants, Chile (2019-2020)
Implement specialized technical advice to small and medium-sized companies (+10) on financial management, strategic management, process improvement, and project evaluation.

¹The Universidad de Concepción ranks as the 3rd best university in Chile according to the Academic Ranking of World Universities (ARWU) and is ranked 11th in Latin America by the QS World University Rankings.

- **Research Assistant**, Universidad de Concepción, Chile (2017-2018)
Support the faculty members at the Department of Industrial Engineering at the Center for Innovation Systems Studies, using quantitative databases, econometric models, and STATA statistical software. Also, I developed my research about applied economics.
- **Project Assistant**, Faculty of Engineering, Universidad de Concepción, Chile (2016)
Create a business model for the project “Consortium of Chilean Engineering Faculties to foster education engineering, applied research, innovation, and Entrepreneurship.”

Community service and complementary experience

- **Educational Mentor**, Powerful Women Program, WoomUp, Chile (2020)
Mentoring students from public schools to reduce the gender gap in STEM careers.
- **Construction Volunteer**, Techo para Chile, Chile (2010)
Construction of emergency housing after the 2010 earthquake in Chile.
- **Girl Scout**, Gazelle Company of the “Buen Pastor Group”, Chile (2006-2009)
Application of scouting techniques and leadership of a group of 10 girls.

Honors, Awards, and Scholarships

- **Travel Grant**, Alfred P. Sloan Foundation, UC Berkeley (2025)
Funding to attend the Summer School in Environmental Economics at the UC Berkeley.
- **Travel Grant**, Center for Environmental Economics, UC San Diego (2025)
Funding to attend an Environmental Economics Workshop at the UC Santa Barbara.
- **Summer Research Scholarship**, University of California San Diego (2024)
Funding to support summer research projects in economics.
- **Regents Fellowship**, University of California San Diego (2023)
Full funding for the first year in the Ph.D. in Economics.
- **Doctorate Scholarship Equal Opportunities**, Fulbright Commission (2020)
Scholarship granted by Fulbright-ANID to outstanding students, supporting their doctoral studies in the United States.
- **Outstanding Woman Engineer**, Universidad de Concepción (2019)
Campaign for 100 outstanding female engineers from the Faculty of Engineering.
- **Merit Scholarship for Graduate Studies**, Universidad de Concepción (2016)
Awarded to top students pursuing graduate education.
- **Bicentennial Scholarship for undergraduate studies**, Chilean Ministry of Education (2012)
Scholarship awarded to students with outstanding academic performance in Chile.
- **School's best score in Mathematics Championship**, Universidad de Concepción (2011)
Recognizes best student's scores in mathematics regional competitions.

Languages and Skills

Languages:

- English: Full professional proficiency
- Spanish: Native

Computer Skills:

- Programming & Analysis: C++, Python, Matlab, R, STATA, MySQL
- Web & Document Tools: HTML, CSS, L^AT_EX