

DIANA E. MACDONALD

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Economics Research Division
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Personal Information

US Citizen / Chilean
English (fluent), Spanish (native)

Positions

Research Economist	Banco de México, México	2020 - present
Postdoctoral Researcher	Universidad de Chile - DII, Chile	2019 - 2020

Education

Ph.D. in Economics	Arizona State University, USA	2019
M.A. Economics	Arizona State University, USA	2014
M.A. Applied Economics	Universidad de Chile - DII, Chile	2013
M.A. Management Science	Universidad Adolfo Ibáñez, Chile	2009
B. Sc. Business Administration	Universidad Adolfo Ibáñez, Chile	2008

Research Fields

Primary. Search and Matching, Market Design
Secondary. Empirical Microeconomics, Environmental Economics

Academic Working Papers

- "Foster Care: A Dynamic Matching Approach"
- "The Effect of Paying Parents to Adopt: Evidence from Minnesota's Foster-Care System" (with Kelly Bishop)
- "Designing the Menu of Licenses for Foster Care" (with Ahmet Altinok)
- "Assortative Matching with On-the-Match Random Search" (with Hector Chade)

Policy Working Papers

- "Analysis of the Carbon Footprint in the Mexican Economy" (with Joel Castillo)
- "The Effect of Extreme Weather Events on the Mexican Economy" (with Joel Castillo)
- "Skill Mismatch in the Mexican Labor Market" (with Benjamín Elam Rodríguez)
- "Demographic Aging in Mexico" (with Benjamín Elam Rodríguez)

Academic Presentations

*=Coauthor
†=Poster

2025	Ragnar Frisch Centre (Norway), Georgia Tech (USA), Dallas Fed (USA, schedule)
2024	CIDE (Mexico), SSCW Annual Meeting (France), SING Annual Meeting (France), Conference on Mechanism and Institution Design* (Hungary), Universidad de Guadalajara (Mexico)
2023	UPAEP (Mexico), EPCS Annual Meeting* (Germany), CIDE (Mexico), ITAM* (Mexico), Stony Brook International Conference on Game Theory (USA), Nazarbayev University* (Kazakhstan), ACM Conference on Algorithms, Mechanisms and Optimization† (USA), Workshop in Policy Evaluation (Chile), Workshop in Market Design (Chile)
2022	ASU ECN PhD Reunion Conference (USA), ASSET Annual Meeting* (Greece), LACEA Annual Meeting (Peru), Banco de México
2021	WEAI Annual Conference (virtual), Universidad de O'Higgins (Chile), Universidad de Chile - DII, SECHI Annual Conference (Chile), Nazarbayev University (Kazakhstan), Banco de México

Academic Presentations

*=Coauthor
†=Poster

- 2020 Universidad del Rosario (Colombia), Louisiana State University (USA), CIDE (Mexico), Banco de México, Pontificia Universidad Javeriana (Colombia), Pontificia Universidad Católica (Chile), Universidad Diego Portales (Chile), 4th Workshop on Mechanism Design for Social Good[†] (virtual)
- 2018 Universidad de Chile - DII
- 2016 École Polytechnique (France)

Teaching Experience, Instructor

G=Graduate
UG=Undergraduate

- 2024-23 "Market Design" (UG). ITAM, México
- 2021 "Game Theory" (UG). Universidad Diego Portales, Chile
- 2020 "Advanced Microeconomics" (G). Universidad de Chile - DII, Chile
"Research Workshop" (G). Universidad de Chile - DII, Chile
- 2018 "Principles of Microeconomics" (UG). Arizona State University, USA
- 2013-09 "Industrial Organization" (UG). Universidad Adolfo Ibáñez, Chile
"Game Theory" (UG). Universidad Adolfo Ibáñez, Chile

Short-Term Specialization Courses

- 2024 "Macroeconomics and Climate Change"
CEMFI, Spain
September 2nd-6th
- 2023 "Advances in Casual Estimation: Differences in Differences, and Synthetic Control"
Banco de México, México
October 25th - 27th
- 2023 "Climate Change: Impacts, Adaptation and Political Constraints"
Paris School of Economics, France
June 12th - 16th
- 2021 "The Economics and Econometrics of Climate Change Policy"
CEMFI, Spain
August 30th - September 3rd

Short-term Academic Visits

- 2020 Jan - March Arizona State University, USA
- 2016 May - June École Polytechnique - Université Paris Saclay, France
- 2012 Jan - Feb Instituto de Matemática Pura e Aplicada (IMPA), Brazil

Fellowships, Honors and Awards

- Fondecyt Postdoctoral, National Commission of Scientific and Technological Research of Chile (Conicyt), 2020
- Award for Outstanding Graduate Student, Arizona State University, 2018
- Best Progress Towards Dissertation, Arizona State University, 2017
- Best Oral Presentation for Third Year Paper, Arizona State University, 2016
- Academic Performance Award, Arizona State University, 2015-2018