

DIANA E. MACDONALD

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Personal Information

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

Positions

Research Economist, Central Bank of Mexico 2020–present
Postdoctoral Researcher, Universidad de Chile – DII 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

Working Papers

- “**Designing the Menu of Licenses for Foster Care**” (with Ahmet Altinok)
- “**A Dynamic Search and Matching Model of Foster Care: Theory and Evidence**” (with Ahmet Altinok)
- “**The Effect of Paying Parents to Adopt: Evidence from Minnesota’s Foster-Care System**” (with Kelly Bishop)
- “**Macro-Level Skill Mismatch in the Mexican Labor Market: Informality as a Key Adjustment Margin**” (with Benjamín Elam Rodríguez)

Work in Progress

- “**The Effect of Extreme Weather Events on the Mexican Economy**” (with Joel Castillo)
- “**Credit Default under Extreme Weather in Mexico: Gender-Based Heterogeneity**” (with Joel Castillo, Angélica Muñoz, and Miguel Orozco)
- “**Demographic Aging in Mexico**” (with Benjamín Elam Rodríguez)

Academic Presentations (*=Coauthor, †=Poster)

2026: CEA (*Canada*, schedule), Central Bank of Mexico (schedule)

2025: Ragnar Frisch Centre (*Norway*), Georgia Tech (*USA*), RIDGE Forum (*Peru*), ESPE Annual Conference (*Italy*), SING Annual Meeting (*Netherlands*), Central Bank of Mexico, Universidad de Chile – DII, Universidad Diego Portales (*Chile*), Universidad de Santiago (*Chile*), Dallas Fed (*USA*), COLMEX (*Mexico*)

2024: CIDE (*Mexico*), Conference on Mechanism and Institution Design* (*Hungary*), SSCW Annual Meeting (*France*), SING Annual Meeting (*France*), 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 (*U de Chile–DII*), Workshop in Market Design (*U de Chile–DII*)

2022: ASU PhD Reunion Conference (*USA*), ASSET Annual Meeting* (*Greece*), LACEA Annual Meeting (*Peru*), Central Bank of Mexico

2021: WEAI Annual Conference (*virtual*), Universidad de Chile – DII, Universidad de O’Higgins (*Chile*), SECHI Annual Conference (*Chile*), Nazarbayev University (*Kazakhstan*), Central Bank of Mexico

2020: Universidad del Rosario (*Colombia*), Louisiana State University (*USA*), Central Bank of Mexico, CIDE (*Mexico*), Universidad Javeriana (*Colombia*), Universidad Católica (*Chile*), Universidad Diego Portales (*Chile*), 4th Workshop on Mechanism Design for Social Good† (*virtual*)

Teaching Experience (G = Graduate; UG = Undergraduate)

Instituto Tecnológico Autónomo de México (ITAM)

Mexico City, Mexico

(UG) Market Design. Fall 2023, Spring 2024

Universidad Diego Portales (UDP)

Santiago, Chile

(UG) Game Theory. Fall 2021

Universidad de Chile – DII

Santiago, Chile

(G) Advanced Microeconomics. Fall 2020

(G) Research Workshop. Fall 2020

Arizona State University (ASU)

Arizona, USA

(UG) Principles of Microeconomics. Fall 2018

Universidad Adolfo Ibáñez (UAI)

Santiago, Chile

(UG) Game Theory. Fall 2009, Spring 2010, Fall 2010, Spring 2011, Fall 2011

(UG) Industrial Organization. Fall 2010, Fall 2011, Spring 2011, Fall 2011, Spring 2012

Short-Term Specialization Courses

Barcelona School of Economics (BSE)

Panel Data and Spatial Panels

June 30 – July 4, 2025

Center for Monetary and Financial Studies (CEMFI)

Macroeconomics and Climate Change

Sept. 2–6, 2024

The Economics and Econometrics of Climate Change Policy

Aug. 30 – Sept. 3, 2021

Central Bank of Mexico

Advances in Causal Estimation: Differences in Differences, and Synthetic Control

Oct. 25–27, 2023

Paris School of Economics (PSE)

Climate Change: Impacts, Adaptation and Political Constraints

June 12–16, 2023

Short-Term Academic Visits

Universidad de Chile – DII, Chile

Sept 2025

Arizona State University, USA

Jan–Mar 2020

École Polytechnique – Université Paris Saclay, France

May–Jun 2016

Instituto de Matemática Pura e Aplicada (IMPA), Brazil

Jan–Feb 2012

Fellowships, Honors and Awards

Grant Program for the Promotion of International Linkages for Research Institutions (ANID, Chile) 2025

Fondecyt Postdoctoral Fellowship (CONICYT, Chile) 2020

Award for Outstanding Graduate Student (Arizona State University, USA) 2018

Best Progress Towards Dissertation (Arizona State University, USA) 2017

Best Oral Presentation for Third Year Paper (Arizona State University, USA) 2016

Academic Performance Award (Arizona State University, USA) 2015–2018

Professional Services

Research Tutor, Internal Summer Program, Central Bank of Mexico 2025

Dissertation Review Committee Member, Doctoral Thesis, El Colegio de México 2025