

NATHALY M. RIVERA

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CURRENT POSITION

Assistant Professor, Department of Economics, FEN, University of Chile September 2022 -

EDUCATION

Ph.D. Agricultural, Food and Resource Economics, Michigan State University	2018
M.Sc., Regional Economics (highest honors), Universidad Católica del Norte, Chile	2012
B.Sc., Economics (highest honors), Universidad Católica del Norte, Chile	2009

OTHER POSITIONS AND PROFESSIONAL EXPERIENCE

Inter-American Development Bank, Consultant	11/2020 - 12/2022
University of São Paulo, Department of Economics, Research Fellow	08/2020 - 05/2022
University of Alaska Anchorage, Department of Economics, Postdoctoral Fellow	08/2018 - 05/2020
Michigan State University, AFRE, Research Assistant	08/2017 - 05/2018
Michigan State University, NCRCRD, Research Assistant	08/2013 - 05/2015
University of Illinois at Urbana-Champaign, REAL, Visiting Scholar	06/2015
The World Bank, LAC Region, Chief Economist's Office, Short-Term Consultant	03/2011 - 05/2012

PEER-REVIEWED PUBLICATIONS

Digging Deep: Resource Exploitation and High-Level Education (*with* L. Balza and C. De Los Rios) - **World Development**, 2026, 201, 107311. [\[View\]](#)

Wood-Burning Restrictions and Air Pollution: The Case of Air Quality Warnings in Southern Chile (*with* C. Concha) - **Environment and Development Economics**, 2026. [\[View\]](#)

Air Pollution in the Global South: An Overview of its Sources and Impacts (*with* S. Aguilar-Gomez) - **Oxford Research Encyclopedia of Economics and Finance**, 2025. [\[View\]](#)

Unconditional Cash Transfers & Voter Turnout (*with* A. James and B. Smith) - **Economic Inquiry**, 2025, 1–25. [\[View\]](#)

The Health Benefits of Solar Power Generation: Evidence from Chile (*with* E. Spiller and J. C. Ruiz-Tagle) - **Journal of Environmental Economics and Management**, 2024, 126, 102999. [\[View\]](#)

Association Between Long-Term Air Pollution Exposure and COVID-19 Mortality in Latin America (*with* J. A. Bonilla, A. Lopez-Feldman, P. Pereda, and C. Ruiz-Tagle) - **PLOS One**, 2023, 18(1). [\[View\]](#)

Oil, Politics, and “Corrupt Bastards” (*with* A. James) - **Journal of Environmental Economics and Management**, 2022, 111, 102599. [\[View\]](#)

Coal-to-Gas Fuel Switching and its Effects on Housing Prices (*with* S. Loveridge) - **Energy Economics**, 2022, 106, 105733. [\[View\]](#)

Air Quality Warnings and Temporary Driving Bans: Evidence from Air Pollution, Car Trips, and Mass-Transit Ridership in Santiago - **Journal of Environmental Economics and Management**, **2021**, 108, 102454. [\[View\]](#)

Is Mining an Environmental Disamenity? Evidence from Resource Extraction Site Openings - **Environmental and Resource Economics**, **2020**, 75, pages 485–528. [\[View\]](#)

Spatial Aggregation Bias in Implicit Prices of Environmental Amenities - **Economics Bulletin**, **2019**, 39(2), 1184-1194. [\[View\]](#)

Mineral Taxes and the Local Provision of Public Goods in Mining Communities (*with* D. Paredes) - **Resources Policy**, **2017**, 53, pages 328-339. [\[View\]](#)

Disaggregation of Sectors in Social Accounting Matrices Using a Customized Wolsky Method: A Comment on its Estimation Bias - **Applied Economics Letters**, **2016**, 23(11), 785-789. [\[View\]](#)

Scales of Production and Mining Economies. The Case of Chile in its Regional Dimension (*with* P. Aroca, *in Spanish*) - **EURE**, **2014**, 40(121), 247-270. [\[View\]](#)

SELECTED CONFERENCE AND INVITED PRESENTATIONS

- 2026: PUC-Chile (scheduled).
- 2025: LAERE. AERE. SECHI. IADB (Infrastructure and Energy Sector). VII Workshop sobre Economía del Medioambiente y Cambio Climático (UCA-Argentina). LACEA.
- 2024: CSD Sustainability Research Seminar (IADB), AERE Summer Meeting, 2nd Workshop Regional Economics (MIPP-PUCV-CREDIT).
- 2023: CAF Internal Seminars, LACEA, IEA.
- 2022: University of Chile. PUC-Chile (Econ). EESP-FGV. INSPER. LAERE. FGV-Agro. CAF Internal Seminars. Penn PDRI Conference on Climate Change and the Environment. IV Workshop Sobre Economía del Cambio Climático y Medio Ambiente (UCA-Argentina), LACEA.
- 2021: AARES. III Workshop Sobre Economía del Cambio Climático y Medio Ambiente (UCA-Argentina). University of Talca, Chile. 7th Canadian Workshop in Environmental and Resource Economics. SETI-Chile. AERE@WEAI. EMEE 2021 Summer Workshop. SECHI-2021. SOCHER-2021. EfD-Chile. LACEA/LAMES Annual Conference. EfD Annual Meeting. CERE's seminars at Umeå University.
- 2020: CIDE, Mexico. PUC-Chile (Ag. Econ). FEA-USP.
- 2019: 7th Economics of Low-Carbon Markets (FEA-USP). The Ronald Coase Institute Workshop, Poland. Universidad Adolfo Ibáñez, Chile. Universidad Católica del Norte, Chile. 25th EAERE Annual Meeting, UK. Camp Resources XXVI, USA.
- 2018: LACEA/LAMES Annual Conference, Ecuador. World Congress in Environmental and Resource Economics (WCERE), Sweden. Graduate Research Symposium (AFRE-MSU). Universidad del Rosario, Colombia. Banco de la República de Colombia. Pontificia Universidad Javeriana, Colombia. University of Alaska Anchorage (×2), University of Gothenburg, Sweden.
- 2017: 19th CU Environmental and Resource Economics Workshop. MSU/UM/WMU Energy & Environmental Economics Day. AAEA Annual Meeting. AERE Annual Summer Conference.
- 2016: Southern Economics Association Annual Meeting (AERE sessions). MSU/UM/WMU Energy & Environmental Economics Day. Midwest Economics Association Annual Meeting. AFRE-MSU Graduate Research Symposium.
- 2015: NARSC. Heartland Environmental & Resource Economics Workshop. Latin America Energy & Environmental Economics Workshop (CIDE, Mexico). MSU/UM/WMU Energy & Environmental Economics Day. LACEEP Workshop. REAL Seminars, UIUC. AFRE-MSU Graduate Research Symposium.

HONORS AND AWARDS

LAERE Board Member	2022 - 2025
AERE 2022 Scholar	2022
Ronald Coase Institute Fellowship	2019
Best Presentation Award in ERE. Michigan State University	2018
Summer Fellowship. CANR, Michigan State University	2014 - 2017
Thomas K. Cowden Memorial Fellowship. Michigan State University	2016
Gary S. Murphy Endowed Fellowship. Michigan State University	2013
OISS Tuition Award. Michigan State University	2012 - 2015
Ph.D. Fulbright Scholar. FULBRIGHT, IIE	2012 - 2016
Ph.D. Scholarship. Becas Chile, CONICYT. Government of Chile	2012 - 2016
Travel Grants: LACEEP (2018, 2015); EAERE (2018); Michigan State University (2018, 2017, 2016, 2015); CIDE - Mexico (2015).	

GRANTS

“Clean Energy, Air Quality, and Educational Equity: Examining the Impact of Renewable Integration on Schooling Disparities in Chile” FONDECYT-Iniciación Chile – 2025. **PI.** USD 90,000.

“Renewable Energies, Fossil Fuel Displacement, and Academic Performance in Environmental Justice Communities”. CAF Grant on the Energy Transition in LAC – 2023. **PI.** USD 15,000.

“Blasting Dust: The Pollution-Health Impact of Industrial Mining Developments”. Concurso Proyectos de Investigación, FEN, University of Chile — 2023. **PI.** USD 7,000.

GRADUATE STUDENT ADVISING

Main Advisor:

Harm Stover (M.Sc. Applied Economics, U of Chile, 2026). Sebastián Meza (MPP, U of Chile, 2026). Diego Navarro (M.Sc. Applied Economics, U of Chile, co-chair w/ Dante Contreras, 2026). Ignacio Leiva (M.Sc. Economics, U of Chile, 2025). Constanza Avello (M.Sc. Applied Economics, U of Chile, co-chair w/ Dante Contreras, 2025). Isadora Jorratt (MPP, U of Chile, 2025). Vicente Zambrano (M.Sc. Applied Economics, U of Chile, 2025). Renato Gozzen (M.Sc. Applied Economics, U of Chile, 2024). Isidora Lara (M.Sc. Economics, U of Chile, co-chair w/ Eugenio Figueroa, 2022 – *Placement: Ph.D. in Economics at UBC*). Cristian Concha (M.Sc. Applied Economics, U of Chile, 2022 – *Placement: Ph.D. in Economics at University of Talca*). Ramiro Fuentes (M.Sc. Applied Economics, U of Chile, 2022). Maria Teresa Reszczynski (M.Sc. Applied Economics, U of Chile, 2022).

Member of Thesis Committee:

Sebastián Chacón (M.Sc. Economics, Universidad de Chile, 2026). Christian Villegas (M.Sc. Economics, Universidad de los Andes (Colombia), 2024). Thiago Rodrigues (“Banca de Avaliação de Progresso”, Ph.D. Economics, U. of Sao Paulo, 2023).. Tiago Ferraz (“Banca de Avaliação de Progresso”, Ph.D. Economics, U. of Sao Paulo, 2021). Banca de Avaliação de Monografias, FEA, U. of Sao Paulo, Bacharel em Economia, 2021.

PROFESSIONAL ASSOCIATIONS

American Economic Association (AEA), Association of Environmental and Resource Economists (AERE), Latin American and Caribbean Economic Association (LACEA), Latin American Association of Environmental and Resource Economists (LAERE).

PROFESSIONAL SERVICE

Referee Activity (journals only listed once even if refereed multiple times)

American Journal of Applied Economics, Applied Economics, Energy Economics, Environment & Development Economics, Environmental & Resource Economics, Health Economics, Journal of Economic Behavior & Organization, Journal of Economic Geography, Journal of Environmental Economics and Management, Journal of Housing Economics, Latin American Economic Review, Letters in Spatial & Resource Sciences, Resources and Energy Economics, Resources Policy.

Research Grant Proposals Evaluating Committee

Fondecyt-Chile, Iniciación (2015, 2021, 2025). Fondecyt-Chile, Regular (2016 × 2, 2021 × 2, 2022).

CONFERENCE SERVICE

Scientific Committee

AERE Summer Conference (Abstract Reviewer: 2019, 2020, 2023). LACEA Annual Conference (2025). RIDGE: IV Workshop on Environmental Economics (2022, 2023, 2024, 2025). WCERE (2026). 42nd Annual Meeting of the Brazilian Econometric Society (Microeconomics, 2020).

Conference/Seminar Organization

Internal Seminar Series, Department of Economics, DECON-FEN, U of Chile (Organizer, 2023 - 2025). Internal Seminar Series, Department of Economics, FEA, U of Sao Paulo (Co-organizer, 2021-2022).

MISCELLANY

- Citizenship: Chile
- Languages: English (Fluent), Spanish (Native), Portuguese (Intermediate), French (Beginner)
- Married, one children (born 2023).

REFERENCES

Scott Loveridge, Assistant Dean and Full Professor. Department of Agricultural, Food and Resource Economics. Michigan State University, USA. loverid2@msu.edu, +1 517 432 9969.

Alexander James, Associate Professor. Department of Economics. University of Wyoming, USA. ajames7@uwyo.edu, +1 530 566 4923.

Elisheba Spiller, Transportation Program Director, Fellow. Resources for the Future, D.C., USA. bspiller@rff.org, +1 202 328 5029.

Jim Murphy, Full Professor. Department of Economics. University of Alaska Anchorage, USA. murphy@alaska.edu, +1 907 786 1936.