

# Dusan Paredes Araya

FULL PROFESSOR · DEPARTMENT OF ECONOMICS

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## Education

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### University of Illinois

PHD APPLIED ECONOMICS

• Advisor: Andrew Isserman / Geoffrey Hewings

*Illinois, United States*

*2008 - 2012*

### Universidad Católica del Norte (UCN)

MASTER IN REGIONAL SCIENCE

• Advisor: Patricio Aroca

*Antofagasta, Chile*

*2006 - 2008*

### Universidad Católica del Norte (UCN)

BACHELOR OF BUSINESS

• Advisor: Patricio Aroca

*Antofagasta, Chile*

*2001 - 2005*

## Professional Experience

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2023 - **Adjunct Professor**, Agricultural, Food, and Resource Economics, Michigan State University

2022 - **Productivity and Impact Evaluation Committee Adviser**, Government of Chile

2018 - 2021 **Dean**, School of Business and Economics, Universidad Católica del Norte

2017 - **Associate Editor**, Resource Policy

2014 - **Full Professor**, Department of Economics, Universidad Católica del Norte

2014 - **Grant & Graduate Scholarship Reviewer**, National Agency of Research and Development

2018-2020 **President**, Regional Science Chilean Association

2018-2019 **Scientific Committee - Economics**, National Agency of Research and Development

2017-2018 **Committee Member - Economics**, Accreditation National Agency

2017-2018 **National Committee for Scientific Journals**, National Agency of Research and Development

2016-2018 **Head Department**, Department of Economics, Universidad Católica del Norte

2014-2016 **Postdoctoral Fellow**, Michigan State University, United States

2012-2014 **Director**, Regional Applied Economics Institute, Universidad Católica del Norte

## Publicaciones

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Diaz, A., & Paredes, D. & Loveridge, S. (In press). Identifying the Size and Geographic Scope of Short-term Rural Cost-of-Living Increases in the United States. *Annals of Regional Science*.

Urrutia-Mosquera, J., & Florez-Calderón, L. & Paredes, D. (In press). 15-min Cities: the Potential of a Medium-Sized Polycentric Latin American City. *Journal of Urban Health*.

Alvayay, C., & Paredes, D. & Skidmore, M. (In press). Impact of Demolitions on Neighboring Property Values in Detroit. *Journal of Regional Science*.

Alvayay, C., & Paredes, D. & Skidmore, M. (In press). Impact of Demolitions on Neighboring Property Values in Detroit. *Journal of Regional Science*.

Chavez, A., & Paredes, D. (In press). Public Spending and Economies of Scale in Partial Fiscal Decentralized Governments: The Case of Chile. *Socio-Economic Planning Sciences*.

Alfaro, F., Paredes, D., & Skidmore, M. (In press). New Public Transportation Infrastructure and Tax Delinquency in Shrinking Cities: The Case of Detroit. *International Regional Science Review*.

Arratia-Solar, A., & Paredes, D. (2023). Commodity price and fatalities in mining – evidence from copper regions in Chile. *Resources Policy*, Vol (82)

- Oyarzo, M., & Paredes, D. (2022). Shocks derived from mining windfalls and horizontal transfers: Exploring the permanent income hypothesis in Chilean municipalities from a spatial competition approach. *Socio-Economic Planning Sciences*, Vol(86).
- Alfaro, F., Paredes, D., & Skidmore, M. (2022). The Effect of Property Assessment Reductions on Homeownership: A Quasi-Dynamic Economic Analysis, 50(6). *Public Finance Review*.
- Oyarzo, M., & Paredes, D. (2021). The subnational crowding out effect of mining windfalls on local tax effort: Does the level of local provision of public goods matter? *The Extractive Industries and Society*, 8(4).
- Paredes, D., & Fleming, D. (2021). Automation and robotics in mining: Jobs, income and inequality implications. *The Extractive Industries and Society*, 8(1): 189-193.
- Oyarzo, M., & Paredes, D. (2021). The impact of mining taxes on public education: Evidence for mining municipalities in Chile. *Resources Policy*, 70.
- Alvayay, C., Paredes, D., & Skidmore, M. (2021). Housing Demolition and Property Tax Delinquency: Evidence From Detroit. *Journal of Urban Affairs*, 43(5) 702-723.
- Fuentes, R., Soto, A., Paredes, D., Oyarzo, M., & Veloso, C. (2020). Intellectual property in Latin America: the impact of innovation subsidies on Chilean firms. *International Journal of Intellectual Property Management*, 10(4): 396-408.
- Perez-Trujillo, M., Oyarzo, M., & Paredes, D. (2020). Long-distance commuting and the effect of differentiated salary expectations in the commuters' place of living on the wage obtained in the place of working. *The Annals of Regional Science*, 65(2): 459-489.
- Oyarzo, M., & Paredes, D. (2019). Revisiting the link between resource windfalls and subnational crowding out for local mining economies in Chile. *Resources Policy*, 64: 2-13.
- Fuentes, R., Soto, A., & Paredes, D. (2019). The Impact of Cooperation on Business Innovation in Developing Countries: Evidence from Chile in Latin America. *Journal of Technology Management innovation*, 14(4): 31-40.
- Paredes, D., Giles, E., Paez, C., & Avendaño, A. (2019). Elasticidad de la oferta de vivienda: evidencia empírica para Bogotá. *Revista Academia Negocios*, 4(2): 35-46.
- Diaz, A., Rubiera, F., & Paredes, D. (2019). New approach to economic convergence in the EU: A multilevel analysis from the spatial effects perspective. *International Regional Science Review*, 42(3-4): 335-467.
- Paredes, D., Soto, J., & Fleming, D. (2018). Wage Compensation for Fly-in/Fly-out Commuters in Chile. *Papers in Regional Science*, 97(96): 1337-1357.
- Nadal, M., Orellana, J., Paredes, D., Pellejero, J., & Romani, G. (2018). What is the impact from entrepreneurship on the income inequality in Chile?. *Multidisciplinary Business Review*, 9(1): 41-52.
- Paredes, D., & Loveridge, S. (2018). Rural Electric Cooperatives and Economic Development. *Energy Policy*, 117: 49-57.
- López, E., & Paredes, D. (2018). Towards Housing Policies that Consider Household's Preferences: Estimating the Demand for Housing Attributes in Chile. *International Journal of Strategic Property Management*, 22(1): 24-36.
- Loveridge, S., & Paredes, D. (2018). Are rural costs of living lower? Evidence from a Big Mac index approach. *International Regional Science Review*, 41(3): 264-382.
- Paredes, D., & Rivera, N. (2017). Mineral taxes and the local public goods provision in mining communities. *Resources Policy*, 53(3): 328-339.
- Paredes, D., & Skidmore, M. (2017). The Net Benefit of Demolishing Dilapidated Housing: The Case of Detroit. *Regional Science and Urban Economics*, 66: 16-27.
- Nunez, H., Paredes, D., Garduno, R. (2017). Is crime in Mexico a disamenity? Evidence from a hedonic valuation approach. *Annals of Regional Science*, 59(1): 171-187.
- Diaz, A., Rubiera, F., & Paredes, D. (2017). Are there different local patterns of convergence concealed beneath the regional level? An analysis for US states and counties using a multilevel approach. *Annals of Regional Science*, 58(3): 623-640.
- Modrego, F., Paredes, D., & Romani, G. (2017). Individual and place-based drivers of self-employment in Chile. *Small Business Economics*, 49(2): 469-492.
- Soto, J., & Paredes, D. (2016). Cities, Wages and the Urban Hierarchy. *Journal of Regional Science*, 56(4): 596-614.
- Cortes, Y., & Paredes, D. (2016). El fondo común Municipal: cual es el rol en la convergencia de ingresos locales?. *Latin American Research Review*, 51(3): 561.

- Atuesta, L., & Paredes, D. (2016). Do Mexicans flee from violence? The effects of drug-related violence on migration decisions in Mexico. *Journal of Ethnic and Migration Studies*, 42(3): 480-502.
- Paredes, D., Iturra, V., & Lufin, M. (2016). A Spatial Decomposition of Income Inequality in Chile. *Regional Studies*, 50(5): 771-789.
- Fleming, D., Mesham, T., & Paredes, D. (2015). Understanding the resource curse (or blessing) within countries: Theory, empirical challenges and an application. *Australian Journal of Agricultural and Resource Economics*, 59(1): 624-639.
- Lasarte, E., Paredes, D., & Fernandez, E. (2015). An Almost Ideal Cost of Living Index for Food in Spain Using a Microeconomic Approach and Censored Data. *Spatial Economic Analysis*, 10(4): 408-427.
- Chacon, S., & Paredes, D. (2015). Desigualdad espacial de ingresos en Chile y su relación con la concentración de capital humano. *Trimestre Económico*, 82(2): 351-377.
- Paredes, D. (2015). Can NEG explain the spatial distribution of wages of Chile?. *Journal of Economic and Social Geography*, 106(1): 65-77.
- Paredes, D., Komarek, T., & Loveridge, S. (2015). Assessing the income and employment effects of shale gas extraction wind-falls: Evidence from the Marcellus region. *Energy Economics*, 47: 112-120.
- Enriquez, H., & Paredes, D. (2015). Migración Interna y Diferenciales de Ingreso: Evidencia para Bogotá (Colombia) a partir de métodos de emparejamiento. *Revista de Economía y Administración*, 11(1): 65-85.
- Abalos, M., & Paredes, D. (2014). Una modificación al método varimax para delimitar regiones urbanas funcionales usando la vecindad espacial. *Investigaciones Regionales. Journal of Regional Research*, 30: 103-126.
- Lasarte, E., Rubiera, F., & Paredes, D. (2014). City size and household food consumption: Demand elasticities in Spain. *Applied Economics*, 46(14): 1624-1641.
- Iturra, V., & Paredes, D. (2014). Construction of a spatial housing price index by estimating an almost ideal demand system. *Journal of Economic and Social Geography*, 105(3): 301-314.
- Jamett, I., & Paredes, D. (2013). Conmutación de larga distancia en Chile: Estimando el premio por trabajar muy lejos de casa. *Estudios de Economía*, 40(2): 179-209.
- Paredes, D. (2013). The role of the human capital, potential market and natural amenities to understand the spatial wage disparity in Chile. *Spatial Economic Analysis*, 8(2): 154-175.
- Paredes, D., & Iturra, V. (2013). Substitution bias and the construction of a spatial cost of living index. *Papers in Regional Science*, 92(1): 103-117.
- Paredes, D., Lufin, M., & Aroca, P. (2012). The estimation of urban premium wage using propensity score analysis: some considerations from the spatial perspective. *Defining the Spatial Scale in Modern Regional Analysis*, 215-236.
- Paredes, D., & Iturra, V. (2012). Market access and wages: A spatially heterogeneous approach. *Economic Letters*, 16(3): 349-353.
- Atuesta, L., & Paredes, D. (2012). A spatial cost of living Index for Colombia using a microeconomic approach and censored data. *Applied Economic Letters*, 19(18): 1799-1805.
- Paredes, D. (2011). A methodology to compute regional housing index price using matching estimator methods. *Annals of Regional Science*, 46(1): 139-157.
- Paredes, D., & Aroca, P. (2011). Metodología para estimar un índice regional de costo de vivienda. *Latin American Journal of Economics*, 45:(131) 129-143.

## Awards, Fellowships, & Grants

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- 2022-2026 **PARTNERSHIP: Measuring and Mapping Rural Price Inflation: NIFA Proposal 2021-13282 / Award 2022-67023-37747. Associate Researcher (AR)**, National Institute of Food and Agriculture. United States.
- 2022-2025 **Regular FONDECYT 1220566: The unexplored role of the Common Municipal Fund as a public policy for improving welfare in Chile. Principal Researcher (PR)**, National Agency of Research and Development
- 2021 **Sectorial linkage for mining the Region of Antofagasta, Chile (PR)**, Consejo Minero, Chile
- 2020 **Más allá de Santiago: Descentralización fiscal en Chile - Associate Researcher (AR)**, Centro Estudios Públicos, Chile
- 2020 **Split-Rate Taxation in Detroit Project (AR)**, Lincoln Institute of Land Policy, United States
- 2019 **Copper supercycle and the regional economy of Antofagasta (AR)**, Consejo Minero, Chile.
- 2019-2021 **Regular FONDECYT 1191162: Do mining tax windfalls crowd out other local revenues? Evidence from Chile (PR)**, National Agency of Research and Development
- 2018-2021 **CONICYT 180001 International Cooperation Project Chile - United States (PR)**, National Agency of Research and Development
- 2018 **Data Analysis for Quicken Loans Neighbor-to-Nighbor Program (AR)**, Lincoln Institute of Land Policy, United States
- 2017 **Peter Nijkamp Prize**, Regional Science Association International
- 2015-2017 **CONICYT 120121 International Cooperation Project Chile - Brazil (PR)**, National Agency of Research and Development
- 2014-2017 **Iniciación FONDECYT 11121247: The spatial income inequality in Chile (PR)**, National Agency of Research and Development
- 2014 **Estimating the Demand for Housing Attributes in Chile: Insights on Price and Income Elasticity in a Developing Economy (PR)**, Lincoln Institute of Land Policy, United States
- 2014 **Young leadership Award**, Government of Chile
- 2012-2015 **CONICYT 120047 International Cooperation Project Chile - United States (PR)**, National Agency of Research and Development
- 2010 **24th Charles M. Tiebout Prize Honorable Mention**, Western Regional Science Association
- 2010-2013 **Regular FONDECYT 1111061: Economic Evaluation of Chilean Regional Policy (AR)**, National Agency of Research and Development
- 2009 **Graduate Fellow College**, University of Illinois
- 2008 **Graduate Fellowship Recognition Honor Society of Agriculture**, University of Illinois
- 2007-2012 **Fulbright-CONICYT BIO Fellowship**, National Agency of Research and Development
- 2006 **Best Engineer Award**, Chilean Engineer Association
- 2001-2005 **Fellowship President of the Republic B.A. Studies**, Government of Chile
- 2001-2005 **Fellowship Juan Gomez Millas B.S. Studies**, Government of Chile

## Outreach & Professional Development

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### PEER REVIEW

Spatial Economic Analysis, Journal of Regional Science, International Journal of Strategic Property Management, Regional Studies, Latin American Journal of Economics, Letters in Spatial and Resource Sciences, Regional Sciences and Urban Economics, International Regional Science Review, Economics Letters, Energy Economics, Urban Studies, Revista Cuadernos de Economía, Desarrollo y Sociedad, Papers in Regional Science, Energy Economics, Resources Policy, Annals of Regional Science, Review of Development Economics, Economic Geography, Journal of Economic Growth.

### PROFESSIONAL MEMBERSHIPS

Chilean Regional Science Association SOCHER  
Regional Science Association International RSAI

