

Curriculum Vita

Esteban Alejandro López Ochoa, Ph.D.

Assistant Professor
 School of Architecture and Planning
 Klesse College of Engineering and Integrated Design
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EDUCATION

- 2011-2016 **Ph.D. in Regional Planning**, Department of Urban and Regional Planning, Regional Economics Applications Laboratory (REAL).
 University of Illinois at Urbana-Champaign (UIUC), U.S.A.
 Dissertation Title: “[Three essays revisiting old housing issues in new contexts](#)”
Fulbright Scholar + *CONICYT Chile*: Equal Opportunity Grant for doctoral studies
- 2015-2016 **M.S. in Applied Economics**, Department of Agricultural and Consumer Economics
 University of Illinois at Urbana-Champaign (UIUC), U.S.A.
 Thesis Title: “[House prices and school choice: evidence from Chicago's magnet schools proximity lottery](#)”
- 2008-2010 **M.S. in Regional Science**, Department of Economics.
 Universidad Católica del Norte (UCN), Antofagasta, Chile.
- 2003-2007 **B.S. in Commercial Engineering**, Department of Business Administration
 Universidad de Tarapacá (UTA), Arica, Chile.

PROFESSIONAL EXPERIENCE

- 08/2021 – Present **Assistant Professor**, Urban and Regional Planning Program, School of Architecture and Planning, Klesse College of Engineering and Integrated Design. The University of Texas at San Antonio.
- 08/2023 – Present **Associate Director**, Sustainable Pervasive Urban Resilience (SPUR) Center, Klesse College of Engineering and Integrated Design. The University of Texas at San Antonio.
- 01/2023 – Present **Graduate Advisor of Record**, Urban Planning Graduate Certificate, School of Architecture and Planning, Klesse College of Engineering and Integrated Design. The University of Texas at San Antonio.
- 2020 – Present **Affiliate**, [Center for Cohesion and Conflict Studies \(COES\)](#), Chile

2018 – Present	Affiliate , Centre for Spatial Economics and Entrepreneurship (CEnSE), Jönköping University.
2017 – 2021	Assistant Professor , Business School, Universidad Adolfo Ibáñez (UAI), Chile
2019 – 2021	Executive Director , Center for Economics and Regional Policy, UAI, Chile
2019 – 2021	Academic Director , Big Data for Public Policy Certificate Program, UAI, Chile
2016	Instructor , University of Illinois at Urbana-Champaign (UIUC)
2012 – 2016	Graduate Research Assistant , Regional Economics Applications Laboratory, UIUC.
2008 – 2010	Instructor , Universidad Católica del Norte (UCN), Chile.
2009 – 2010	Research Associate , Instituto de Economía Aplicada Regional (IDEAR), UCN.

RECENT AWARDS AND RECOGNITIONS

2023	Faculty Teaching Award , School of Architecture and Planning, UTSA
2019	Best Young Researcher Award , Business School, Universidad Adolfo Ibáñez
2018	Research Fellow , Centre for Spatial Economics and Entrepreneurship (CEnSE), Jönköping University
2016	First Place Student-lead Paper Competition , North American Regional Science Council (NARSC), Minneapolis, MN.
2016	Charles Tiebout Student Paper Finalist , Western Regional Science Association (WRSA), Koa, HI.
2013, 2014	Philip Israilevich Distinguished Research Fellow , REAL (UIUC)

PUBLICATIONS

Published in peer-reviewed journals.

1. **Lopez Ochoa, E.**, Zhai W. (forthcoming 2024) “Housing perceptions and code enforcement: An assessment of demolition orders using street view imagery and machine intelligence” **Journal of Planning Education Research**
2. **Lopez Ochoa, E.**, Eberhard, J., Aroca, P. (2023) “Covid-19 and employment relief programs: A tale of spatially blind policies, for a spatially driven pandemic” **Journal of Regional Science**.
<https://doi.org/10.1111/jors.12642>
3.2 Impact Factor 5-year, Q2 in Economics

3. **Lopez Ochoa, E.** (2022) “Housing price indices from online listing data: addressing the spatial bias with sampling weights” **Environment and Planning B: Urban Analytics and City Science**, Vol. 50, Issue 4, pp. 1040-1056. <https://doi.org/10.1177/23998083221130713>
3.9 Impact Factor 5-year, Q1 in Urban Studies
4. Baker, D., **Lopez, E.** Greenlee, A. (2021) “Transit development and housing displacement: The case of the Chicago Red Line Extension” **CITIES**, Vol. 115. <https://doi.org/10.1016/j.cities.2021.103212> .
7.6 Impact factor 5-year, Q1 in Economics, 7 citations.
5. Backman, M., **Lopez, E.** & Rowe, F. (2020) “The occupational trajectories and outcomes of forced migrants in Sweden. Entrepreneurship, employment or persistent inactivity?” **Small Business Economics**.
<https://doi.org/10.1007/s11187-019-00312-z>
7.4 Impact factor 5-year, Q1 in Urban Studies, 47 citations.
6. Bonilla, L., **Lopez, E.** & McMillen, D. (2019) “House prices and school choice: Evidence from Chicago’s magnet schools’ proximity lottery.” **Journal of Regional Science**. Vol. 60, Issue 1, pp. 33-55.
<https://doi.org/10.1111/jors.12447>
3.2 Impact factor 5-year, Q2 in Economics, 44 citations.
7. **Lopez, E.** & Hewings G. (2018) “Housing price indices for small spatial units.” **Regional Science and Urban Economics**, Vol. 70, 57-71. <https://doi.org/10.1016/j.regsciurbeco.2018.02.005>)
3.3 Impact factor 5-year, Q2 in Economics and Urban Studies, 9 citations.
8. **Lopez, E.** & Paredes, D. (2018) “Towards housing policies that consider household’s preferences: Estimating the demand for housing attributes in Chile.” **International Journal of Strategic and Property Management** Vol. 22(1), 24-36. (<https://doi.org/10.3846/ijspm.2018.320>)
2.6 Impact factor 5-year, Q4 in Management, 7 citations.
9. Kleasson, J. **Lopez, E.** & Öner, Ö. (2018) “Who works longer – and why? Regional and individual characteristics in the timing of retirement.” **Tijdschrift voor economische en sociale geografie**, Vol. 109 (3) 350-370. <https://onlinelibrary.wiley.com/doi/10.1111/tesg.12295/full>)
3.4 Impact factor 5-year, Q1 in Economics and Geography, 5 citations.
10. **Lopez, E.** & Greenlee, A. (2016) “An ex-ante analysis of housing location choices due to housing displacement: The case of Bristol Place.” **Applied Geography**, Vol. 75, 156-175.
(<https://doi.org/10.1016/j.apgeog.2016.08.013>)
5.3 Impact factor 5-year, Q1 in Geography, 17 citations.
11. **Lopez, E.** & Aroca, P. (2012) “Estimating regional housing price inflation in Chile”. **Trimestre Económico**, Vol. LXXIX (315), 601-630. (<https://doi.org/10.20430/ete.v79i315.71>)
0.4 Impact factor 5-year, Q1 in Economics, 17 citations.

Research Reports

1. “Evaluating the Urban Heat Mitigation Potential of the San Antonio Cool Pavement Pilot Program” with Neil Debagge, Wei Zhai, RJ Lee. A report prepared to the Office of Sustainability of the City of San Antonio (TX). December, 2023.

2. “An Assessment of Urban Heat Vulnerability in San Antonio, TX” with Kristen Brown, Wei Zhai, RJ Lee. A report prepared by the UTSA SPUR Center to the Office of Sustainability of the City of San Antonio (TX). August, 2023.
3. “Neighborhood Change Model Review” A report prepared by the UTSA Center for Urban and Regional Planning Research and HOUSED Lab for the National Association of Latino Community Asset Builders (NALCAB). September, 2022.

Working Papers

1. “Incremental zoning reform for infill development: San Antonio's create-your-own zoning district” with Christine Quattro (University of North Carolina, App State). – *first round of revisions at the Journal of the American Planning Association.*
2. “Identifying Priority Areas for Heat Management in San Antonio, TX” with Kristen Brown, Wei Zhai, RJ Lee – *submitted to the Urban Climate Journal*
3. “Developing a Multifaceted Characterization of Intra-Urban Heat Vulnerability Using a Case Study of San Antonio, TX” with Kristen Brown, Wei Zhai, RJ Lee –*submitted to the Journal of Environmental Management.*
4. “A neighborhood change index from residential mobility micro-data” With Allison Pineda (UTSA MSURP candidate) – *submitted and accepted to be presented at the 2014 International Urban Affairs Conference*

Research in Progress

1. “The Role of Physical Housing Conditions on Modeling and Predicting Residential Mobility” With Allison Pineda (UTSA MSURP candidate) – *submitted and accepted to be presented at the 2014 International Urban Affairs Conference*
2. “There Goes the Neighborhood? The Effects of Nearby Corporate Land Purchases on Long-term Homeowners in San Antonio Neighborhoods” With Sarah Serpas (UTSA PhD student, Demography) – *submitted and accepted to be presented at the 2014 International Urban Affairs Conference*
3. “Evaluating the performance of San Antonio cool pavement as an urban heat mitigation measure” with Neil Debagge, Wei Zhai, RJ Lee – *in preparation to be submitted to Urban Climate.*
4. “Walkable but not walkable? A geospatial relationship between urban environment and heat exposure through the lens of equity in San Antonio, Texas” with RJ Lee, Kristen Brown, Wei Zhai.
5. “Characteristics and Location of Corporate Homeownership: The case of San Antonio, TX.” With Luis Escalante (UTSA MSURP)
6. “An exploratory analysis of human behavior under heat: A LiDAR sensing approach” with Wei Zhai

RESEARCH GRANTS

Forthcoming

1. 2024 – 2026 **National Association of Latino Community Asset Builders – NALCAB**
 Title: “*Understanding Residential Mobility patterns in the United States - Procuring a National Dataset on Residential Mobility*”
 Role: **Primary Investigator**. Amount: US\$ 32,500
2. 2024 **SOM Foundation**
 Title: “*Explorations in Radical Retrofitting: Are Declining Commercial Strips the Answer to San Antonio’s Housing Crisis?*”
 Role: **Co-Investigator**, with Ian Caine (PI) Amount: US\$ 40,000
3. 2024 **City of San Antonio – Department of Human Services**
 Title: “*Studying the Public Cost of Assisting Chronic Unsheltered Population*”
 Role: **Co-PI**. With Ian Johnson (PI), and Monica Cruz. Amount: US\$ 50,301

Current

4. 2023 – 2024 **Connect 2023 Grant: UTSA VPRDKE + SwRI**
 Title: “*Calibrating satellite data with ground environmental metrics: A pilot in San Antonio’s Historic Westside.*”
 Role: **PI at UTSA**. With Stuart Stothof (PI-SwRI). Amount: US\$ 125,000
 Press Coverage: [UTSA Today](#), [KSAT](#), [SA Report](#), [News4SA](#), [TPR](#)
5. 2023 – 2025 **CPS Energy**
 Title: “*Optimize EV Charging Infrastructure for Grid Management*”
 Role: **Co-PI**. With Kristen Brown (PI). Amount: US\$ 500,000
6. 2023 – 2024 **National Association of Latino Community Asset Builders – NALCAB**
 Title: “*A national dashboard with Neighborhood Change Indices from ACS data*”
 Role: **Primary Investigator** with Ian Caine (co-PI). Amount: US\$ 47,000
 Press Coverage: [UTSA Today](#)

Pending

7. 2024 – 2027 **United States Environmental Protection Agency (EPA)**
 Title: “*Cumulative Environmental Health Impact as a Function of Community Resilience and Presence of Threats*”
 Role: **Co-PI**, With Kristen Brown (PI). Amount: US\$ 1,999,901
8. 2024 **City of San Antonio – Office of Sustainability**
 Title: “*Enabling Informed Site Selection for Environmental Harm Mitigation*”
 Role: **Co-PI**. With Kristen Brown (PI). Amount: US\$ 49,939

Previous

9. 2023 **City of San Antonio – Office of Sustainability**

Title: *“How Can We Direct City Resources Toward the Areas Most Impacted by Extreme Heat?”*

Role: **Co-PI**. With Kristen Brown (PI). Amount: US\$ 35,000

10. 2023 **City of San Antonio – Office of Sustainability**
 Title: *“Evaluating the Urban Heat Mitigation Potential of the San Antonio Cool Pavement Pilot”*
 Role: **Co-PI**. With Neil Debbage (PI). Amount: US\$ 143,520
 Press Coverage: [Accuweather](#); [News4SA](#); [CoSA](#);
11. 2023 **UTSA – Westside Community Partnerships**
 Title: *“Resilient Westside: neighborhood asset mapping, housing analysis, and master plan development.”*
 Role: **Co-PI**. With RJ Lee (PI). Amount: US\$ 5,000
12. 2022 **National Association of Latino Community Asset Builders – NALCAB**
 Title: *“Evaluating NALCAB’s model to measure neighborhood change”*
 Role: **Primary Investigator**. Amount: US\$ 9,267
13. 2020 – 2022 **Toc-Toc Housing Data Contract for Individual Research**
 Title: *“Estimating harmonic spatio-temporal housing price indices from on-line sales and rental posting data”*
 Role: **Primary Investigator**. Amount: ad honorem, access to the data.
14. 2019 – 2022 **National Fund for the Development of Science*** (FONDECYT-I: 11190334)
 Title: *“Labor demand, commuting and housing prices: A spatial approach to understanding urban growth and its side effects in Chilean cities”*
 Role: **Primary Investigator**. Amount: US\$ 50,000
15. 2018 – 2021 **Sao Paulo Research Foundation (FAPESP) & CONICYT (2018/08337-8)**
 Title: *Agricultural and agro-industrial sustainability in Chile: Modeling the impacts of climate change and natural disasters in an integrated framework”*
 Role: **Co-PI**, with Eduardo Haddad and Patricio Aroca (PIs). Amount US\$: 100,000
16. 2017 – 2020 **Research and Academic Networks (REDES-INICIAL: REDI170399)**
 Chilean National Council for Research, Science and Technology (CONICYT)
 Title: *“International network to study the influence of territory on educational choices, outcomes and the labor market”*
 Role: **Primary Investigator**. Amount: US\$ 30,000
17. 2017 – 2020 **National Fund for the Development of Science*** (FONDECYT: 1171230)
 Chilean National Council for Research, Science and Technology (CONICYT)
 Title: *“Concentration and centralism in Chile as limiting factors of its development and promoters of socio-spatial inequalities”*
 Role: **Co-PI** with Patricio Aroca (PI). Amount: US\$ 100,000
18. 2017 – 2018 **Business School Research Fund, University Adolfo Ibáñez**
 Title: *“A network approach for understanding the dynamics of power within corporate directories and its influence in politics”*
 Role: **Co-PI** with Alejandro Montecinos (PI). Amount: US\$ 12,000

19. 2014 **Lincoln Institute for Land Policy** – Latin America and Caribbean Research (LDP091913)
 Title: “*Estimating the demand for housing attributes in Chile*”
 Role: **Co-PI**, with Dusan Paredes (PI). Amount: US\$ 30,000

* Chilean equivalent to National Science Foundation (NSF) grants

RECENT PRESENTATIONS

Selected Conference Presentations

1. “Identifying early signs of housing decay to prevent future demolition orders using street view imagery: Evidence from San Antonio, TX”. Association of Collegiate Schools of Planning (ACSP). Chicago, IL., 2023.
2. “Identifying early signs of housing decay to prevent future demolition orders using street view imagery: Evidence from San Antonio, TX”. Urban Affairs Association (UAA). Nashville, TN., 2023
3. “COVID-19 and employment relief programs: A tale of spatially blind policies for a spatially driven pandemic”. Western Regional Science Association (WRSA). Scottsdale, AZ., 2022.
4. “Housing Price Indices from Volunteered Data: The Need for Expansion Weights”. North American Regional Science Council (NARSC). Denver, CO., 2021.
5. “Housing Price Indices from Volunteered Data: The Need for Expansion Weights”. Sociedad Chilena de Estudios Regionales (SOCHER). Online, Chile. 2021.
6. “The effect of commuting on school performance: Evidence from a country-wide school reform”. Chilean Society of Economics (SECHI). Santiago, Chile, 2019
7. “Transit-Oriented Development and Housing Displacement: The case of the Chicago Red Line extension” & “Housing Prices Evolution in a Developing Economy: The case of Chile” North American Regional Science Council (NARSC). San Antonio, TX., 2018
8. “Assessing the effect of commuting on school performance: Evidence from Chile” & “Commercial forestry expansion and local economic outcomes: The case of Chile”. Sociedad Chilena de Estudios Regionales (SOCHER) .Chillán, Chile. 2018
9. “Assessing the effect of commuting on school performance: Evidence from Chile” & “Commercial forestry expansion and local economic outcomes: The case of Chile” & “House Prices and School Choice: Evidence from the Chicago’s Magnet Schools Proximity Lottery”, North American Regional Science Council (NARSC). Minneapolis, MN., 2017.
10. “Residential Mobility and Location Choice as the Product of Housing Displacement: An ex-ante Analysis” North American Regional Science Council (NARSC). Portland, OR., 2016.
11. “Residential Mobility and Location Choice as the Product of Housing Displacement: An ex-ante Analysis” Association of Collegiate Schools of Planning (ACSP). Houston, TX., 2015
12. “Residential Mobility and Location Choice as the Product of Housing Displacement: An ex-ante Analysis”. Housing in an Unequal World, RC43. Chicago, IL., 2015

13. “Who stays longer? Individual and Geographical factors influencing the timing of retirement”. Workshop on Ageing and the Economy. Jönköping International Business School. Sweden, 2015

Invited Lectures & Workshops

1. “*Spatial machine learning in R: Current applications to housing data.*” University of Pennsylvania (UPenn) Philadelphia, PA., April 2024
2. “*Leveling the field: Combining proprietary micro-level data with machine learning methods for housing justice research*”. University of Pennsylvania (UPenn). Philadelphia, PA., April 2024.
3. “*Predicting Demolition Orders and Assessing Code Enforcement Perception*”. UTSA Institute for Demographic and Socioeconomic Research. December 12, 2023.
4. “*Neighborhood change indices using ACS and Microdata*”. City of San Antonio, Department of Neighborhood Services. December 7, 2023.
5. “*Predicting Demolition Orders and Assessing Code Enforcement Perception*”. City of San Antonio – Office of the District 5 Councilwomen, Teri Castillo . February 1, 2023.
6. “[Mercados Laborales y su heterogeneidad en el contexto de la pandemia](#)”. Labor Comission. Chilean Chamber of Congress. Online, 2020
7. “[Panel: Post-Pandemia: Educación, Social, Urbano, Economía](#)” with Diego Armus, Cesar Cáceres, and Paola Espejo. Congreso Futuro. Online, 2021
8. “*Using data.table for data analysis in R*” [Presentation on YouTube](#). Universidad Adolfo Ibáñez, CEPR + GobLab. Webinar, April 2021.
9. “*Report Automatization and Regional Labor Markets*” [Presentation on YouTube](#). Universidad Adolfo Ibáñez, CEPR + GobLab. Webinar, October 2020
10. “[A Better city: A challenge for urban mobility](#)”. Chilean Chamber of Construction. Webinar, October 2020
11. “*Local development through regional science*” [Presentation on YouTube](#). Piensa Foundation. Webinar, July 2020.
12. “*Labor mobility in times of a pandemic*” [Presentation on YouTube](#). Universidad Adolfo Ibáñez, Business School. Webinar, May 2020
13. “[Spatial data science: what can we say \(and what can we not say\) from the COVID-19 data in Chile](#)” [Presentation on YouTube](#). Universidad Adolfo Ibáñez, CEPR + GobLab. Webinar, April 2020
14. “[Collection and management of big data for regional science research purposes](#)”. Chilean Society of Regional Studies (SOCHER). San Pedro de Atacama, Chile, 2018
15. “*Housing price dynamics in a developing economy: The case of Chile*”. Universidad de Tarapacá. Arica, Chile, 2018

16. “*Three essays revisiting old housing issues in new contexts*”. Universidad Católica del Norte. Antofagasta, Chile, 2016
17. “*A three-step model for estimating the demand for housing attributes in Chile: Insights of price and income elasticities in a developing economy*” Lincoln Institute of Land Policy. Research Seminar: Land Policy and Urban Development in Latin America. Panamá City, Panamá, 2014

MEDIA PRESENCE

Recent

- | | | | |
|----|---------|----------|---|
| 1. | 09/2023 | Website | <p>“UTSA and SwRI partner to study urban heat island effect on San Antonio’s West Side”
 Covered by: UTSA Today, KSAT, SA Report, News4SA, and Texas Public Radio</p> |
| 2. | 08/2023 | Website | <p>“Visualizing the landscape of gentrification pressures: UTSA professor to develop national dashboard to make visible trends of neighborhood change”
 Covered by: UTSA Today</p> |
| 3. | 07/2023 | Cable TV | <p>“San Antonio neighborhood sees highest property values”
 Covered by: Anna Kendrick, Spectrum News Austin</p> |
| 4. | 06/2023 | Website | <p>“JPER Workshop for New Scholars”
 Covered by: ACSP</p> |
| 5. | 11/2022 | Website | <p>“Casitas could be key to affordable housing in San Antonio, but critics fear more Airbnb rentals”
 Covered by: Megan Stringer, San Antonio Express News</p> |
| 6. | 11/2022 | Website | <p>“Downtown ballpark a field of dreams for developers – but would public benefit?”
 Covered by: Madison Iszler, Greg Jeffereson, San Antonio Express News</p> |
| 7. | 05/2022 | TV | <p>“¿Debe esperar que bajen los precios de la Vivienda?”
 Covered by: Univisión Noticias San Antonio</p> |
| 8. | 04/2022 | TV | <p>“USAA Despide en su unidad de Hipotecas, ¿Caerán los precios de las viviendas?”
 Covered by: Univisión Noticias San Antonio</p> |

Selected before 2021

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|----|---------|-----------|--|
| 1. | 04/2019 | Radio | <p>“Los Chilenos estamos cada vez más endeudados”
 Covered by: Radio Bío Bío</p> |
| 2. | 11/2019 | Newspaper | <p>“Una gran parte de las desigualdades son territoriales y eso no está visibilizado hoy en el discurso”
 Covered by: El Mercurio de Valparaíso; version papel</p> |

3. 06/2020 Website Chilean Chamber of Congress: “Mercados Laborales y su heterogeneidad en el context de la pandemia”
Covered by: [Centro de Cohesion Social y Conflicto COES](#)
4. 08/2020 Radio “14 Por Ciento Alcanza El Desempleo En Valparaíso Entre Junio Y Agosto De 2020”
Covered by: [Radio Bío Bío](#)
5. 09/2020 Website “La pandemia se va a volver a instalar y los planes que están implementándose no van a dar abasto para que las empresas no quiebren”
Covered by: [Mauricio Ávila, CIPER](#)
6. 10/2020 Newspaper & TV “Informe UAI-Coes detecta que desocupación ha golpeado más fuerte a jefas de hogar sin pareja”
Covered by: [La Tercera - Pulso](#), [Mega Noticias](#)
7. 11/2020 Radio “Recuperación del empleo en Chile y situación de las regiones”
Covered by: [Radio Pauta](#)
8. 03/2021 Newspaper “Región: un 46% de los empleos recuperados son informales”
Covered by: [Claudio Ramirez, El Mercurio de Valparaíso](#)
9. 02/2021 Newspaper “Región lidera la recuperación laboral, pero hay alta informalidad”
Covered by: [El Mercurio de Calama](#)

TEACHING

Courses taught.

- | | |
|------------------------------|---|
| 2021, 2023 | US Housing Policy and Analysis (URP-5313), UTSA. |
| 2022, 2023 | Planning & Economic Development (URP-5493), UTSA. |
| 2022, 2023, 2024 | Urban Planning Methods II (URP-5393) – Course on GitHub , UTSA. |
| 2021, 2022 | R Bootcamp for Urban Planning Methods, UTSA. |
| 2017 | Introduction to Economics (ECO121). Business School, UAI, Chile. |
| 2018, 2019, 2020, 2021 | Microeconomics I (ECO201). Business School, UAI, Chile. |
| 2017, 2018, 2019, 2020 | Microeconomics II (ECO211). Business School, UAI, Chile. |
| 2020 | Spatial Analytics – Master’s in Business Analytics (Course on GitHub). Business School, UAI, Chile. |
| 2017, 2018, 2019, 2020, 2021 | Programming Course in R for Spatial Data Analysis Business School, UAI, Chile. |
| 2017, 2018, 2019, 2020, 2021 | Programing Workshop in R for Data Science. Business School, UAI, Chile. |

2015, 2016	Business Location Decisions (Economic Geography) BADM-205/GEOG-205 Department of Business and Geography, UIUC.
2010	Introduction to Economics. Department of Economics, UCN
2008, 2009	Econometric Applications. Department of Economics, UCN
2008, 2009	Optimization Methods. Department of Economics, UCN
2008, 2009	Microeconomics II. Department of Economics, UCN

Students mentored

2024	MS Advisor	Allison Pineda. Urban and Regional Planning, UTSA
	MS Advisor	Afia Farhana. Urban and Regional Planning, UTSA
	MS Advisor	Salomon Mendoza. Urban and Regional Planning, UTSA
	PhD Committee	Sarah Serpas. Demography, UTSA.
	PhD Committee	Christina Muñoz-Quintanilla. Demography, UTSA.
2023	MS Advisor	Allison Pineda. Urban and Regional Planning, UTSA
	MS Advisor	Afia Farhana. Urban and Regional Planning, UTSA
	MS Advisor	Gabrielle Rodriguez-Bailón. Urban and Regional Planning, UTSA
	MS Advisor	Salomon Mendoza. Urban and Regional Planning, UTSA
	PhD Committee	Sarah Serpas. Demography, UTSA.
2022	MS Advisor	Luis Escalante. Urban and Regional Planning, UTSA. Thesis: “ <i>Corporate Landlord Activity In The Housing Market: An Exploratory Analysis Of San Antonio, Tx</i> ”
		Allison Pineda. Urban and Regional Planning, UTSA
	MS Advisor	Ashley Leal. Urban and Regional Planning, UTSA. Professional Report: “ <i>ADUs and Short-term rentals: Analyzing the Impact on Affordable Housing and Neighborhoods</i> ”
	PhD Committee	Sarah Serpas. Demography, UTSA.
	MArc Committee	Ericca Espindola. Architecture, UTSA
	PhD Committee	Wladimir Cerda, Applied Economics, UCN, Chile.
2021	MS Advisor	Luis Escalante. Urban and Regional Planning, UTSA.
2020	MS Advisor	Martin Sielfeld. Economics. UAI, Chile. Thesis: “ <i>Consecuencias De La Heterogeneidad Espacial De Oferta Educacional Y Falta De Información En Un Sistema De Elección Escolar</i> ”
		Christobal Ferhmann. Economics. UAI, Chile. Thesis: “ <i>Efecto De La Distancia En Las Preferencias Por Matrícula A Carreras De Educación Superior El Caso De La Provincia De Santiago</i> ”
	MS Committee	Nicole Vega. Economics. UAI, Chile.

2019	MS Advisor MS Committee	Ruben Vazquez. Universidad de Santiago, Chile Alejandra Astete. Economics. UAI, Chile.
2018	MS Advisor MS Advisor PhD Committee	Javier Fernandez. Economics. UAI, Chile. Magdalena Azocar. Business Administration, UAI, Chile. María Paz Terraza. PhD in Finance, UAI, Chile

AFFILIATIONS & SERVICE

Affiliations

2021 – Present	Association of Collegiate Schools of Planning (ACSP)
2021 – Present	Urban Affairs Association (UAA)
2011 – Present	Regional Science Association International (RSAI)
2011 – Present	North American Regional Science Association (NARSC)
2015 – Present	Western Regional Science Association (WRSA)
2008 – Present	Chilean Regional Science Association (SOCHER)

Referee Services

2023 – Present	Journal of Race, Ethnicity and the City
2022 – Present	Environmental Planning B: Urban Analytics and City Science
2022 – Present	REGION
2014 – Present	Journal of Regional Science and Urban Economics
2017 – Present	Papers in Regional Science
2017 – Present	Journal of Regional Science, Policy and Practice
2017 – Present	CEPAL Review
2017 – Present	Journal of Development Studies
2018 – Present	EURE

2019 – Present Asia-Pacific Journal of Regional Science

2020 – Present Journal of Economic Geography

2019 – Present Journal of Regional Science

Academic and Professional Service

2023 – Present School Faculty Search Chair. FTT Position in Urban and regional Planning, UTSA.

2023 – Present Program Graduate Advisor of Record, Urban and Regional Planning Graduate Certificate. UTSA.

2023 – Present College Associate Director, Sustainable Pervasive Urban Resilience (SPUR) Center, UTSA.

2022 – Present Program URP Graduate Program Committee (GPC) Chair, UTSA.

2023 – Present College Executive Committee Member, Center of Urban and Regional Planning Research (CURPR)

2022 – Present Program Committee Member, URP Accreditation Efforts to the Planning Accreditation Board. UTSA

2022 School Committee Member, URP Tenure Track and Open Rank Faculty Search. UTSA.

2023 – Present School Committee Member, School of Architecture and Planning Lecture Series Committee. UTSA.

2023 School Committee Member, School of Architecture and Planning Scholarship Committee. UTSA.

2022 – Present Program URP Speaker Series coordinator. UTSA.

2012 – 2014 Department Student General Coordinator. Regional Economics Applications Laboratory, UIUC

External Service

2023 – Present Community Volunteer Researcher. Esperanza Peace and Justice Center, and Historic Westside Neighborhood Association. San Antonio, TX.

2022 Non-voting community member. Building Standards Board, City of San Antonio. San Antonio Property Management Code.

2023

External Research Collaborator – [Eviction Dashboard](#). Texas Housers.

SKILLS

Languages	English (fluent), Spanish (native)
Modeling	Parametric and non-parametric regression methods (OLS, panel, locally weighted regression, spatial econometrics, regression discontinuity, event study), hedonic models, the Almost Ideal Demand System, discrete choice, machine learning, quasi-experimental methods (matching, counterfactual analysis), network analysis.
Programming	<p>Main language: R (algorithms, data management and visualization, web-scraping, web app development, automatization of reports, mapping, python integration)</p> <p>Proficient: STATA, SPSS, Ucinet 6.0, ArcGIS, QGIS</p> <p>Above average: MATLAB, Geoda, Netlogo, Mathematica</p> <p>Basic User: Python, SQL</p>

REFERENCES

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