

# ÁLVARO SÁNCHEZ-LEACHE

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Calle Casado del Alisal 5, 28014, Madrid, Spain

## EDUCATION

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<b>Ph.D. in Economics</b> CEMFI	2022-2026 (Expected)
<b>Visiting Student Researcher</b> UC Berkeley Haas School of Business	Spring 2025
<b>Master's in Economics and Finance</b> CEMFI	2020-2022
<b>Undergraduate Degree in Economics</b> Universidad Carlos III de Madrid	2016-2020

## REFERENCES

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<b>Diego Puga</b> CEMFI diego.puga@cemfi.es	<b>Gilles Duranton</b> Wharton School duranton@wharton.upenn.edu	<b>Manuel Arellano</b> CEMFI arellano@cemfi.es
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## RESEARCH INTERESTS

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Urban Economics, Political Economy, Data Science

## RESEARCH

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### **The Internal Geography of America's Housing Crisis**

*(Job Market Paper)*

*Abstract: Why are cities in America struggling to supply housing at affordable prices? The conventional view is that housing regulations restrict the expansion of big, high-productivity cities. I document how shifting demand within these cities towards costly margins of urban growth — infill and redevelopment, as opposed to sprawl— has been central to rising unaffordability since at least 1990. I measure this by combining satellite imagery, digitized building footprints and Census data to track development and redevelopment at 30x30 meter resolution nationwide. Big cities increasingly relied on costly infill and redevelopment as commuting speed stagnation and the revival of urban amenities concentrated demand in already-urbanized areas. A quantitative spatial model reveals that relaxing zoning regulations to small-city levels —mostly easing suburban expansion— would only modestly increase big-city populations, since they would still be bound by the costs of redevelopment in dense areas where demand concentrates.*

### **Why Inform? Ideology, Interest, and Animosity in Times of the Inquisition**

Joint with Cristian Navarro

### **The Differentiation, Agglomeration and Spatial Sorting of Urban Amenities**

Joint with Jorge Martín

## TEACHING

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### **Urban Economics (Graduate)**

TA to Diego Puga

Winter 2023, Fall 2023, Fall 2024

### **Data Science for Economics (Graduate)**

TA to Chris Rauh

Winter 2025

## RESEARCH ASSISTANCE

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**Dalia Ghanem** (UC Davis)

2022-23

**Diego Puga** (CEMFI)

2023-24

**Gilles Duranton** (Wharton School)

2024-25

## CONFERENCE AND SEMINAR PRESENTATIONS

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### **2026**

Urban Economics Association European Meeting, Barcelona

### **2025**

Trade Lunch, UC Berkeley Department of Economics; Real Estate pre-seminar, Haas School of Business; BUDIE PhD Workshop, CEMFI

### **2024**

Symposium of the Spanish Economics Association, Palma de Mallorca; BUDIE PhD Workshop, CEMFI

### **2023**

BUDIE PhD Workshop, CEMFI

## REFEREEING

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Management Science

## ACTIVITIES

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**BUDIE PhD Workshop** Co-organizer

2023, 2024, 2025

## GRANTS AND FELLOWSHIPS

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**FPI Scholarship** Spanish Ministry of Education

2025-2026

PID2023-153374NB-I00

**María de Maeztu Grant** Spanish Ministry of Education and CEMFI

2022-2025

MDM-2016-0684 and CEX2020-001104-M

**CEMFI PhD Track Scholarship**

2021-2022

## PROFESSIONAL EXPERIENCE

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**Afi**

January-August 2020

Undergraduate Intern

## OTHER

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### **Skills**

Python, Julia, R, Stata, L<sup>A</sup>T<sub>E</sub>X, QGIS

### **Languages**

English (Fluent), French (Fluent), Spanish