

IGNACIO ARAVENA GONZÁLEZ

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EDUCATION – DEGREES

- 2024-2020 **London School of Economics and Political Science**
MPhil/Ph.D. Regional and Urban Planning Studies
Dissertation: Essays in Housing Policy
Supervisors: Dr. Christian Hilber and Dr. Nancy Holman.
- 2018-2020 **New York University**
Ms. Urban Planning
Capstone: Zoned Out? Examining the Effect of Upzoning on Neighborhood Demographic Concentration: Housing policy, real estate and quantitative analysis.
- 2016-2014 **Universidad de Chile (Magna Cum Laude)**
Ms. Real Estate
Concentration: Real estate finance and appraisal
- 2013-2008 **Pontificia Universidad Católica de Valparaíso (Cum Laude)**
B.Sc. Construction Engineering / Prof. degree in construction engineering.
Concentration: Construction management.

EDUCATION – DIPLOMAS

- 2017 **Pontificia Universidad Católica**
Graduate certificate in Public Policy
- 2017 **Universidad de Chile**
Graduate certificate in Real Estate Appraisal.

TEACHING AND RESEARCH

- 2020-2019 **New York University**
Research and teaching assistant – NYU Wagner School of Public Service
Research: International Metropolitan Planning Studies: New York as a Target City
Teaching: Urban Planning Methods and Practice, Quantitative Analysis for Public Policy
- 2020-2017 **Pontificia Universidad Católica**
Lecturer – Urban and Territorial Studies Institute
Teaching: Graduate diploma in Real Estate Appraisal, and in Real Estate Development.
- 2018-2017 **Universidad San Sebastián**
Lecturer and dissertation advisor – School of Civil Engineering
Teaching: Construction Management and Methods.
Dissertations advisor in subjects related to real estate and city planning
- 2013-2009 **Pontificia Universidad Católica de Valparaíso**
Research assistant - FONDECYT initiation 11110365, and teaching assistant.
Research: Mathematical and probabilistic modeling for mechanical fracture in metal foams.
Teaching: Differential and integral calculus, differential equations, introduction to construction engineering, hydraulics, steel structures, hyperstatic structures

RESEARCH INTERESTS

Interested in researching the intersection of public policy, real estate, and economics to bolster urban integration that can help to enhance thriving built environments and impactful social policies. This includes areas such as affordable housing policies, segregation and poverty, land use regulation, demographic dynamics, and program evaluation.

PUBLICATIONS

- Pinto, H., & Aravena, I. (2014). Damage model in open Al foam. *Procedia engineering*, 74, 96-100.
- Pinto, H., & Aravena, I. (2014). Exponential Model for Damage Accumulation in Closed Cell Aluminum Foams. *Revista de la construcción ISSN 0717-7925*, 14(2), 80-85.

HONORS AND AWARDS

- NYU Wagner. Robert Berne Award for Leadership – 2020
- NYU Stern School of Business. 2019 Opportunity Zone Challenge: Second Place.
- Universidad de Chile. Best GPA Graduate Diploma in Real Estate Appraisals.

RESEARCH AND TEACHING GRANTS

- FONDECYT Iniciacion 11110365 – Bachelor’s Degree thesis scholarship.
- CONICYT – Master’s Degree scholarship 2018. Full tuition and personal stipends.
- ANID – Doctoral Degree scholarship 2020. Full tuition and personal stipends

PROFESSIONAL ACTIVITIES

2020-2018 **Independent Consultant**

Real Estate and Urban Planning

- Land valuation and market analysis.
- Real Estate proforma modelling and financial studies. Risk simulations.
- Affordable housing.

2020 **NYC Housing Preservation and Development – Division of Housing Policy**

Graduate Intern - Policy Development and Special Initiatives

- Demographic and market studies.
- Statistical analysis of policy initiatives and owner’s behavior of rental buildings

2018-2015 **Transsa - Real Estate Consultants, Santiago, Chile**

Supervisor – Real Estate Finance and construction budgeting

- Led more than 20 architects and engineers across Chile.
- Evaluated more than 300 projects, from affordable housing to luxury buildings
- Collaborated in economic studies, land valuations, market studies, and appraisals.

ASSOCIATIONS AND AFFILIATIONS

- NYU Urban Planning Student Association. Chair 2019-2020.
- P!ensa – Valparaíso. Associate researcher 2020 – current.
- NGO TECHO Chile. Professional volunteer 2013.

OTHER INFORMATION

- Software: Rstudio, Stata, QGIS, ArcGIS, Sketchup, Python, Google Earth, Matlab.
- Language: Spanish (native), English (fluent).