

RICARDO A. PASQUINI

Universidad Austral
Mariano Acosta 1611, B1630FHB, Pilar
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EDUCATION

- 2012-2016 IAE Business School, Universidad Austral, Argentina**
Ph.D. in Management - Finance Track (Summa Cum Laude)
Thesis: Essays on the Role of Networks in Entrepreneurial Finance
Advisor: Virginia Sarria Allende
- 2004-2008 Universidad Torcuato Di Tella, Argentina**
Postgrado en Economía (Master in Economics)
- 2000-2003 Universidad Torcuato Di Tella, Argentina**
B.A. in Economics, Minor in Political Sciences (Thesis Mention)

EMPLOYMENT AND CONSULTING EXPERIENCE

- 2015 – Present Associate Professor – Universidad Austral**
Appointments at Facultad de Ciencias Empresariales and IAE Business School.
- 2007 – Present Professor-Researcher (Part-Time) – Universidad Torcuato Di Tella, School of Government**
Appointments at the School of Government.
- 2025-Present Founder and Director – Beta Sigma**
Beta Sigma is a data science firm that acts as a partner for forensic, damages and arbitration teams.
- 2021 – Present Consultant – Compass Lexecon**
Consultant in international arbitration cases. Economics, Finance, and Data Forensics.
- 2018 – 2019 Consultant - BIND Banco Industrial (Bank with 1,000+ employees and 37 branches)**
Designed and deployed machine learning algorithms for detecting fraudulent transactions.
- 2018 – 2019 Consultant - Secretary of Housing, Ministry of the Interior, Argentina National Government (with CIPUV)**
Designed data-driven impact evaluations for major national housing programs, including data collection systems and pilot study implementation.
- 2017 – 2018 Consultant - Poincenot / Moon (Fintech Company)**
Designed and deployed machine learning algorithms for credit scoring and consumer detection.
- 2017 Consultant - Inter-American Development Bank (International Organization)**
Quantitative evaluation of the impact of land market regulations on housing affordability (RG-K1435) – Buenos Aires Case Study (Phases I and II).
- 2016 – 2017 Consultant - Government of the City of Buenos Aires**
Consultant for the design of quantitative impact evaluation systems for entrepreneurship support programs.
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2015	Consultant - World Bank Quantitative impact evaluation of the Western Europe–Western China Corridor Project in Kazakhstan. Follow-up on the SW Road Project.
2015	Consultant - Development Bank of Latin America (CAF) Impact evaluation of an electric infrastructure investment: The Comahue–Cuyo Interconnection (Argentina).
2012	Consultant - Government of the City of Buenos Aires Impact evaluation of the Technology District initiative.
2009	Consultant - Inter-American Development Bank Impact evaluation of the gas extension program implemented in Cuartel V, Moreno, by Fundación Pro Vivienda Social.
2009	Consultant - Development Bank of Latin America (CAF), Buenos Aires, Argentina Design and implementation of a national survey on local development plans and strategies.
2009	Consultant - World Bank, Monrovia, Liberia Participant in a mission to develop a roadmap for the financial sector's development in Liberia.
2009	Consultant - Government of the City of Buenos Aires Report: The Technology District in Buenos Aires.

SOFTWARE SKILLS & TECHNICAL EXPERTISE

GitHub Portfolio	github.com/rpasquini
Programming Languages	Python (13+ years), R , Java
Databases & Query Languages	SQL: Microsoft SQL Server, SQLite NoSQL: MongoDB, OrientDB
Machine Learning & Statistics	Libraries: Scikit-learn, Keras/TensorFlow, Statsmodels, Pandas, CausalML, Stata (10+ years) Techniques: Supervised & Unsupervised Learning, Causal Inference, Time Series Analysis
Network Analysis	SNAP, Pajek, Gephi
Geospatial Analysis & Mapping	Geopandas, QGIS, ArcGIS
Blockchain & Smart Contracts	Solidity, Brownie
Cloud & DevOps	Cloud: AWS (Management & Deployment) Version Control: Git
Other Technical Skills	API Development (GraphQL, REST) NodeJS Web Scraping Interactive Dashboards (Dash, Streamlit, Plotly)

TEACHING

Universidad Austral

Appointments

2015–present *Profesor Asociado, Facultad de Ciencias Empresariales*

2016–present *Profesor Invitado, IAE Business School*

Assignments

2022- present *Econometrics (Doctoral Course)*

2021 - present *Blockchain: from Technology to Business (MBA Elective Curriculum)*

2023-present *Econometrics (Undergraduate)*

2015-present *Economics of Organization and Market Economics (Undergraduate)*

2015-present *Microeconomics (Undergraduate), Course coordination (2022-present)*

2013 *Quantitative Methods for Decision Making (MBA Required Curriculum)*

2020 *Quantitative Modeling for Corporate Finance (Online open course for Coursera)*

Universidad Torcuato Di Tella

Appointments

Profesor-Investigador (Part-Time). School of Government

2007-present *Associate Researcher - Center for Housing and Urban Policy – School of Government*

2004-2005 *Research and Teaching Assistant - Universidad Torcuato Di Tella – Argentina*

Assignments

2011- present *Econometrics for Urban Economists (Master in Urban Economics)*

2016-present *Thesis Research Workshop (Master in Urban Economics, Required Curriculum)*

2012-2020,
2007-2009 *Impact Evaluation (Causal inference) (Masters, Elective)*

2018 *Statistics (Master in Public Policy, Required)*

Teaching Assistant for Business Cycle Theory (Masters), International Macroeconomics (Masters); Macroeconomics; Microeconomics; Economics & Law (Undergraduate), Mathematics (2002-2004).

Universidad Católica Argentina

2018-present *Econometrics (Doctoral Course)*

Universidad Casagrande (Ecuador)

Tecnología y Transformación de Servicios Financieros (MBA, elective). Calificación
2024 *3.98/4*

Universidad EAN (Colombia)

2015 *Economics of Organization and Market Economics (Undergraduate)*

RESEARCH

SELECTED PUBLICATIONS

JOURNALS

- Heikkila, E. J., Goytia, C., & **Pasquini, R** (2023). Do land use regulations help give rise to informal settlements? *Land Use Policy*, 125, 106484. <https://doi.org/10.1016/j.landusepol.2022.106484>
- **Pasquini, R.** (2021). Effects of regulating the brokerage commission in the rental market: Evidence from Buenos Aires. *Journal of Housing Economics*. <https://doi.org/10.1016/j.jhe.2021.101793>
- Dams, M. C., Sarria Allende, V., Cornejo, M., **Pasquini, R.**, & Robiolo, G. (2021). Impact of accelerators, as education & training programs, on female entrepreneurs. *Entrepreneurship Research Journal*. <https://doi.org/10.1515/erj-2020-0306>
- **Pasquini, R.**, Sarria Allende, V., & Robiolo, G. (2019). Matching in entrepreneurial finance networks. *Venture Capital*, 21(2–3), 195–221. <https://doi.org/10.1080/13691066.2018.1457474>
- Grandes, M., Panigo, D. & **Pasquini, R.**, (2017). Corporate credit spreads and the sovereign ceiling in Latin America. *Emerging Markets Finance and Trade*, 53(5), 1217–1240. <https://doi.org/10.1080/1540496X.2016.1174853>
- Grandes, M., & Panigo, D. & **Pasquini, R.**, (2010). On the estimation of the cost of equity in Latin America. *Emerging Markets Review*, 11, 373–389. <https://doi.org/10.1080/1540496X.2016.1174853>

BOOK CHAPTERS

- Sena, S. A. & **Pasquini, R.** (2021). What causes social entrepreneurship? Emancipation as an explanatory framework. In P. Jasovska, D. Logue, & H. G. Rammal (Eds.), *Contemporary Entrepreneurship Issues in International Business*. https://doi.org/10.1142/9789811228445_0010
- Goytia, C., **Pasquini, R.**, & Sanguinetti, P. (2012). Public-private cooperation for gas provision in poor neighbourhoods of Buenos Aires: Institutional framework and impacts. In D. Rodgers, J. Beall, & R. Kanbur (Eds.), *Latin American Urban Development into the Twenty First Century: Towards a Renewed Perspective on the City*. Palgrave Macmillan.
- **Pasquini, R. (2010)**. Securities markets regulations and evaluations of the degree of implementation. In A. R. Musalem (Ed.), *Capital Markets in the Southern Cone of Latin America: Convergence to International Standards and Integration* (pp. 79–120). Buenos Aires: Prentice Hall.
- Goytia, C., **Pasquini, R.**, Sanguinetti, P., & Alvarez de Celis, F. (2009). *El Distrito Tecnológico en la Ciudad de Buenos Aires*. Buenos Aires: Gobierno de la Ciudad de Buenos Aires.

CONFERENCE PROCEEDINGS

- **Pasquini, R.**, Robiolo, G., Isoldi, J., Stessens, K., Salaberri, M., Dams, C., & Sarria, V. (2017). Tanchella: Una herramienta para la recolección de datos de la Web. *Proceedings of the Ibero-American Conference on Software Engineering*.
- Dams, C., **Pasquini, R.**, & Sarria Allende, V. (2016). Accelerators, networks and venture capital financing. *Proceedings of the Babson Entrepreneurship Research Conference*.

WORKING PAPERS (W/ INSTITUTIONAL PEER REVIEW)

- Goytia, C., Dorna, G., Cohen, J., & **Pasquini, R.** (2015). *The CIPUV Residential Land Use Regulatory Index: A Measure of the Local Regulatory Environment for Land and Housing Markets in Argentina's Municipalities*. Lincoln Institute of Land Policy Working Paper WP15CG2.
- Goytia, C., & **Pasquini, R.** (2014). *An Empirical Analysis of Land Use Regulation Determinants*. Lincoln Institute of Land Policy Working Paper WP15.
- Goytia, C., & **Pasquini, R.** (2013). *Zoning and Land Cover Metrics for Municipalities in Argentina (1990–2001)*. Lincoln Institute of Land Policy Working Paper WP13CG1.
- **Pasquini, R.**, Mastroscello, L., Valli, F., & Segovia, R. (2012). *An Exploratory Study of Entrepreneurial Ventures in Argentina, their Financing and First Years' Growth*. Development Bank of Latin America (CAF) Working Paper N°2012/10.
- Musalem, A. R. & **Pasquini, R.** (2012). *Private Pension Systems: Cross-Country Investment Performance*. Social Protection and Labor Discussion Paper N°1214, World Bank.
- **Pasquini, R.** (2011). *Public Programs of Financing and Support of SMEs in Argentina: Impact Evaluation Using Matching, Regression, and PSM (2004–2009)*. Center for Financial Stability Working Paper N°41.
- **Pasquini, R.** (2010). *Credit Requests and Access to Financing of SMEs in Argentina*. Development Bank of Latin America (CAF) Working Paper 2010/08.
- Goytia, C., & **Pasquini, R.** (2010). *Land Regulation in the Urban Agglomerates of Argentina and its Relationship with Households' Residential Tenure Condition*. Lincoln Institute of Land Policy Working Paper WP10CC1.

WORKING PAPERS AND WORK IN PROGRESS

- *Econometrics with Simulations* (Book in progress).
Ricardo Pasquini [[Link](#)]

- *The Economics of DeFi Lending: A Model of Smart Contract Parameter Choice* (Work in progress).
Ricardo Pasquini and Javier García Sanchez [SSRN Working Paper]
- *Security Audits in DeFi*. (Work in progress).
Ricardo Pasquini and Francisco Sesto. [SSRN Working Paper]
- *Quadratic Funding and Matching Funds Requirements*
Ricardo Pasquini [SSRN Working Paper]
- *Subsidized government credits and households' financial distress: Estimating the effect of Créditos Argenta. Working paper*
Ricardo Pasquini
- “Transcending census boundaries: Using user-generated geographic information to predict gentrification and displacement”.
Karen Chapple, Ricardo Pasquini, Emmanuel Lopez and Maria Emilia Pérsico

RESEARCH GRANTS AND VISITING POSITIONS

2020 University of California, Berkeley. Visiting Fellowship at the Urban Displacement Project, working on machine learning and big data-based predictive models of urban gentrification and displacement.

2015, 2016-2017, Universidad Austral. “Entrepreneurial Finance and Web-Based Social Networks: An interdisciplinary research Project” joint with Professors Sarria Allende, Robiolo, and Dams

2015 - Lincoln Institute of Land Policy, Washington DC. An empirical analysis of the determinants of land use regulation

2010-2011 Land Use Regulation and Its Effects Lincoln Institute of Land Policy, Washington DC

2009-2010, “Land Use Regulation and the Relationship with Households’ Residential Tenure Condition”
With Prof. Cynthia Goytia

2010- Development Bank of Latin America (CAF) “Access to Financing of SMEs in Argentina”

ADVISING

Joaquin Ianuzzi (Ingeniería, U. Austral, 2025), Andres Cassinelli (MiM+A UTDT 2023), Facundo Lorenzo (MEU UTDT, 2023), Leandro Vera Belli (MEU UTDT, 2022), Federico Poore (MEU UTDT, 2022), Juliana Mackinlay (MEU UTDT, 2021), Augusto Tovar Numpaque (MEU UTDT, 2020), Micaela Favaro Leuci (MEU UTDT, 2020), Juliana Mackinlay (MEU UTDT, 2020), Natalia Luchini (MEU UTDT, 2020), Maria Emilia Persico (MEU UTDT, 2019), Bianca Saporiti (MEU UTDT, 2019), Paula Guevara (MEU UTDT, 2019), Daniela Bergaizen (MEU UTDT, 2019), Martin Catala (MEU UTDT, 2019), Jimena Rodriguez Platas (MEU UTDT, 2019), Matias Weibel (MEU UTDT, 2018), Martin Rabbia (MEU UTDT, 2018), Rosario Alioto (MEU UTDT, 2017), Federico Catalano (MEU UTDT, 2017), Florencia Lorenzo (MEU UTDT, 2017), Carlos Bortolussi (MEU UTDT, 2015), María Paula Brizuela (MEU UTDT, 2015)