Paulo Manoel, Ph.D.

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U.S. Permanent Resident — Authorized to work in the United States without sponsorship

PROFESSIONAL SUMMARY

Finance Ph.D. (UC Berkeley) and Assistant Professor of Finance with four years of financial services and economic consulting experience. Expertise in econometrics, causal inference, asset pricing, risk management, and applied machine learning. Published in *The Review of Financial Studies* and *Management Science*.

EDUCATION

University of California, Berkeley — Ph.D. in Finance **2013 – 2019**

- Minder Cheng Research Fellowship and the Carl Cheit Outstanding Teaching Assistant Award.
- Research spanning asset pricing, mutual funds, pension funds, entrepreneurship, and corporate bankruptcy.
- Applied regression discontinuity design, instrumental variables, panel data, and two-way fixed effects.

University of São Paulo — M.S. in Economics **2010 – 2012**

- Dissertation on commodity-derivative valuation under jump processes.
- Applied time-series methods including MCMC, ARIMA, GARCH, VAR/VECM, and Kalman filtering.

University of São Paulo — B.S. in Mathematics **2006 – 2009**

- Graduated with the second-highest GPA in my cohort; received the Honors Diploma for Academic Merit.

PROFESSIONAL EXPERIENCE

University of Kentucky, Gatton College of Business & Economics **2019 – Present**

Assistant Professor of Finance

- **Finance research** in asset pricing, institutional investors, bankruptcy, and portfolio management.
- **Published** in top journals (*The Review of Financial Studies*; *Management Science*).
- **Lead a team** of research assistants in data acquisition, cleaning, validation, and analysis.
- **Analyze large datasets** (10+ billion lines) using Python, SQL, R, SAS, and C/C++.
- **Apply machine learning and AI** to financial research: deployed LLMs (ChatGPT API, Claude Code) to classify hedge fund strategies; built CNNs for return prediction using PyTorch and MLflow.
- **Design and teach** "Capital Investment and Financing Decisions," translating advanced financial concepts for non-specialist audiences through MBA-style cases.
- **Presented** research at AFA, EFA, NBER, FIRS, and MFA conferences; referee for *Management Science*, *The Review of Financial Studies*, and *Journal of Corporate Finance*, among others; served on EFA and FMA program committees.

Nefin, Brazilian Center for Research in Financial Economics **2012 – 2013**

Researcher and Consultant

- **Built proprietary risk-management/prediction software** for a major pulp and paper firm.
- **Managed client relationship** from initial requirements to progress review and delivery, ensuring that the product met business needs.
- **Built systems to construct investment-style equity indexes** for the Brazilian equity market, including value, momentum, and size.

J.P. Morgan Chase **2010 – 2012**

Risk Analyst

- **Led the migration of client risk-report** production from Rio de Janeiro to São Paulo following the acquisition of Gávea Investimentos.
- **Reengineered risk reporting,** implementing real-time, on-demand computation of VaR, DV01, expected shortfall, and stress tests.
- **Backtested and validated models** using historical simulations. Produced model documentation.
- **Supervised and trained two interns** responsible for producing risk reports for wealth management and asset management teams.

PUBLICATIONS

- "Outrage by Compensation: Implications for Public Pension Performance" (with Alexander Dyck and Adair Morse), *The Review of Financial Studies*, 2021, vol. 35, 2928–2980.
- "Gender Gap in Debt Renegotiation" (with Vinicius Augusto Brunassi Silva), *Management Science*, accepted for publication, 2026.

WORKING PAPERS AND ONGOING RESEARCH

- "Characteristics of Mutual Fund Portfolios: Where are the Value Funds?" (with Martin Lettau and Sydney Ludvigson). Revise & Resubmit, *The Review of Asset Pricing Studies*.
- "Connections and Creditor Outcomes in Chapter 11" (with Kristine Hankins).
- "The Real Effects of Politicians' Compensation" (with Igor Cunha).
- "Crime Rates, Law Enforcement, and Business Activity."
- "Uncovering Hedge Fund Strategies Using Large Language Models" (with Tristan Fitzgerald, Xiaoding Liu, and Yong Cheng).

TECHNICAL SKILLS

- **Programming and data:** Python, R, SQL, SAS, EViews, C, C++; experience with datasets exceeding 100 billion records.
- **Econometrics and causal inference:** difference-in-differences, regression discontinuity design, instrumental variables, panel data and two-way fixed effects.
- **Machine learning and AI:** PyTorch, MLflow, Microsoft Azure, convolutional neural networks, large language models (ChatGPT API, Claude Code) for text analysis and code generation.
- **Risk management:** VaR, expected shortfall, DV01, stress testing, model validation and documentation.

SELECTED CONFERENCE PRESENTATIONS

American Finance Association (2018, 2021); European Finance Association (2020); NBER Law & Economics (2019); NBER Asset Pricing (2019); Financial Intermediation Research Society (2019); Red Rock Finance Conference (2019); Midwest Finance Association (2021, 2023).

ADDITIONAL INFORMATION

- **Languages:** Fluent in English, Spanish, and Portuguese.
- **Work authorization:** Green card holder; legally authorized to work in the United States without sponsorship.
- **Volunteer work:** Lexington Humane Society — assist with animal care and transportation.