

Fabio Gómez-Rodríguez

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Google Scholar

Academic and Professional Appointments

- **Assistant Professor of Economics**, Lehigh University, College of Business, 2021–present.
- **Research Economist**, Central Bank of Costa Rica, Economic Research Department, 2014–present.
- Instructor, Indiana University, Department of Economics, 2016–2021.
- Instructor, Universidad de Costa Rica, School of Mathematics, 2012–2014.
- Fraud Prevention and Mathematical Modeling Analyst, BAC|Credomatic, 2012–2014.
- Mathematical Modeling Analyst, Predisoft International, 2011–2012.
- Instructor, Technische Universität Darmstadt, Department of Mathematics, 2008–2011.

Education

- Ph.D. in Economics, Indiana University, 2021.
- M.A. in Economics, Indiana University, 2018.
- Diplom Wirtschaftsmathematik, Technische Universität Darmstadt, Germany, 2011.

Research Profile

Fields: Macroeconometrics; inflation expectations; exchange-rate dynamics; monetary and fiscal policy; structural VARs; regime-switching models; functional time series.

My research develops and applies structural and functional time-series methods to study inflation expectations, exchange-rate pass-through, yield-curve dynamics, and monetary-policy transmission. The work combines methodological contributions with applications relevant to central banks and other policy institutions.

Publications and Other Scholarly Work

Refereed Journal Articles

- Yoosoon Chang, Fabio Gómez-Rodríguez, and Christian Matthes (2026). **The Influence of Fiscal and Monetary Policies on the Shape of the Yield Curve.** *Journal of Economic Dynamics and Control*, 184, Article 105276. [link]
- Carlos Brenes Soto and Fabio Gómez-Rodríguez (2026). **State-Dependent Exchange Rate Pass-Through in Costa Rica: Evidence from an Endogenous Regime-Switching SVAR.** *Economic Modelling*, Article 107882. [link]

Manuscripts Submitted or Under Review

- Yoosoon Chang, Fabio Gómez-Rodríguez, and Gee-Hee Hong. **The Effects of Economic Shocks on the Distribution of U.S. Household Inflation Expectations.** Submitted to the *Journal of Money, Credit and Banking*. [link]

Manuscripts in Preparation

- Fabio Gómez-Rodríguez and Catalina Sandoval. **Systematic Exchange Rate Pass-Through and Inflation Outcomes in Latin America.** Previously circulated as “Exchange Rate Pass-Through, Price Dollarization, and Monetary Policy.” Preparing submission to the *Journal of International Money and Finance*.

- Juan Diego Chavarría-Mejía, Fabio Gómez-Rodríguez, and Claudio Mora. **Inflation Dynamics in a Small Open Economy: An SVAR Approach**. Preparing submission to the *Latin American Journal of Central Banking*.
- Fabio Gómez-Rodríguez and Esteban Mendez. **Demand, Liquidity, and Exchange Rate Dynamics: Evidence from Costa Rica**. Preparing submission to *Emerging Markets Review*.
- **Measuring the Inflation Anchor**. Revised working paper; preparing for submission. [link]

Work in Progress

- Yoosoon Chang, Fabio Gómez-Rodríguez, Joon Y. Park, and Doyeon Pyun. **Testing for Unit Roots in Functional Autoregressive Models**.
- Fabio Gómez-Rodríguez, Christian Matthes, and Celia Schurman. **The Roots of Economic Uncertainty: Common Factors and the Effects of Shocks**.

Policy and Technical Reports

- Fabio Gómez-Rodríguez (2026). **Distinción entre los efectos transitorios y permanentes de los choques**. Central Bank of Costa Rica, Economic Policy Essay EPE-02-2026. [link]
- Fabio Gómez-Rodríguez and Catalina Sandoval-Alvarado (2025). **El efecto traspaso del tipo de cambio nominal a la inflación en Costa Rica**. Central Bank of Costa Rica, Working Paper DT-03-2025. [link]
- Adriana Corrales Quesada, Fabio Gómez-Rodríguez, and Carlos Segura-Rodriguez (2024). **Implementación de la curva soberana estimada por el BCCR en las pruebas de tensión de instrumentos de renta fija**. Central Bank of Costa Rica, Technical Note NT-01-2024. [link]
- Fabio Gómez-Rodríguez (2023). **Series de tiempo funcionales en el análisis de las encuestas de expectativas de inflación en Costa Rica**. Central Bank of Costa Rica, Working Paper DT-03-2023. [link]
- Fabio Gómez-Rodríguez (2023). **Cálculo del parámetro de suavizamiento del filtro Hodrick–Prescott para Costa Rica**. Central Bank of Costa Rica, Technical Note NT-01-2023. [link]

Book Chapter and Earlier Work

- Co-author of the Costa Rica chapter in **El efecto transferencia (pass-through) del tipo de cambio sobre los precios en Latinoamérica**. ISBN 978-980-394-076-8. [link]
- **Forecasting German Recessions: An Application of Markov Regime-Switching Models**.

Research Impact

Google Scholar metrics as of September 2, 2026: 39 citations, including 29 since 2021; h-index: 3.

Research has been cited in the Central Bank of Costa Rica’s July 2025 and January 2024 Monetary Policy Reports. Research findings have also been communicated through Marketplace, Lehigh Business, and regional media.

Scholarly Presentations

Invited Seminars and Workshops

- **University of Maryland**, Econometrics Seminar, April 27, 2026.
- **Lafayette College**, Department of Economics Seminar, March 27, 2026. “Measuring the Inflation Anchor.”
- **Lehigh University**, Department of Economics Seminar, April 2021.
- **Indiana University**, Econometrics Seminar, October 2020.

Refereed Conference Presentations

- **23rd ESCB Emerging Markets Workshop**, Bank of Finland, Helsinki, Finland, 2026 (accepted). “Inflation Dynamics in a Small Open Economy: An SVAR Approach.”

- **Midwest Econometrics Group**, University of Cincinnati, October 2026.
- **International Association for Applied Econometrics**, Lisbon, Portugal, June 2026. “Measuring the Inflation Anchor.”
- **North American Summer Meeting of the Econometric Society**, Emory University, Atlanta, Georgia, June 2026. “Measuring the Inflation Anchor.”
- **Midwest Econometrics Group**, University of Illinois, October 2025. “The Influence of Fiscal and Monetary Policies on the Shape of the Yield Curve.”
- **Society for Economic Measurement**, Athens University of Economics and Business, July 2025. Presented two papers: “Exchange Rate Pass-Through, Price Dollarization, and Monetary Policy” and “The Effects of Economic Shocks on the Distribution of U.S. Household Inflation Expectations.”
- **International Association for Applied Econometrics**, Turin, Italy, June 2025. “The Influence of Fiscal and Monetary Policies on the Shape of the Yield Curve.”
- **RCEA International Conference in Economics, Econometrics, and Finance**, June 2025. “Exchange Rate Pass-Through, Price Dollarization, and Monetary Policy.”
- **International Symposium on Mathematical Methods Applied to the Sciences**, University of Costa Rica, February 2026 and February 2024.
- **Midwest Econometrics Group**, Federal Reserve Bank of Cleveland, October 2023.
- **LACEA–LAMES Annual Meeting**, November 2023.
- **XXVIII Meeting of the Central Bank Researchers Network – CEMLA Conference**, November 2023.
- **Advances in Econometrics Conference and Festschrift in Honor of Joon Y. Park**, September 2023, poster presentation.
- **International Association for Applied Econometrics**, London, June 2022.
- **16th International Symposium on Econometric Theory and Applications**, July 2022.
- **Jornadas de Investigación Económica**, Central Bank of Costa Rica, November 2025. “Efecto traspaso del tipo de cambio a los precios.”
- **Jornadas de Investigación Económica**, Central Bank of Costa Rica, November 2023. “Medición del efecto traspaso del tipo de cambio a precios: análisis por grupo y artículo.”
- **Jornadas de Investigación Económica**, Central Bank of Costa Rica, November 2022. “Series de tiempo funcionales y encuesta de expectativas.”

Conference Roles

- Session Chair, Macroeconometrics Session, Society for Economic Measurement, Washington University in St. Louis, July 2026.
- Session Chair, Inflation Expectations Session, Society for Economic Measurement, 2025.
- Session Chair, Financial Macroeconomics Session, International Association for Applied Econometrics, 2025.
- Moderator, Jornadas de Investigación Económica, Central Bank of Costa Rica, 2024.
- Session Chair, Macroeconometrics Session, LACEA–LAMES, 2023.
- Discussant, XXVIII Meeting of the Central Bank Researchers Network – CEMLA Conference, 2023.

Public Scholarship and Policy Engagement

- **Lehigh Business iLLUminate Podcast**, “Fabio Gómez-Rodríguez on How the Economy Is Doing and Why,” February 10, 2026. [\[link\]](#)
- **Central Bank of Costa Rica**, research cited in the July 2025 Monetary Policy Report. [\[link\]](#)
- **The Morning Call**, coverage of the economic impact of Musikfest on the Lehigh Valley, August 9, 2025. [\[link\]](#)
- **Marketplace**, “Why Do Prices Always Have to Go Up?” June 13, 2025. [\[link\]](#)

- **Marketplace**, “Federal Reserve Survey Shows Consumer Inflation Expectations Holding Steady,” April 8, 2024. [link]
- **Central Bank of Costa Rica**, research cited in the January 2024 Monetary Policy Report. [link]
- **Lehigh Business Magazine**, “What’s Inflation Expectation?” Fall 2023. [link]

Fellowships, Grants, and Awards

- **Eugene Mercy, Jr. President and Provost Fund for Faculty Development**, Lehigh University, 2023.
- **Eugene Mercy, Jr. President and Provost Fund for Faculty Development**, Lehigh University, 2022.
- **Susan C. Thrasher Fellowship**, Indiana University, 2020 (\$9,000).
- **Crawford Fellowship**, Indiana University, 2019 (\$2,500).
- **Taulman A. Miller Award for Best International Student**, Department of Economics, Indiana University, 2019 (\$1,000).
- **Best Third-Year Paper**, Department of Economics, Indiana University, 2019 (\$250).
- **Best Graduate Paper**, 14th Jordan River Conference, 2018 (\$500).

Teaching

Courses emphasize structural macroeconomic modeling, reproducible programming, and research-oriented applications in monetary and international economics.

Courses Taught at Lehigh University

- **ECO 157 – Statistics II** (undergraduate), 2021–present; approximately 40 students per semester.
- **ECO 360 – Time Series Analysis** (undergraduate), 2026–present; approximately 15 students per semester.
- **ECO 415 – Econometrics I** (graduate), 2021–present; approximately 15 students per semester.
- **ECO 460 – Time Series Analysis** (graduate), 2026–present; approximately 4 students per semester.

Previous Courses Taught

- **Indiana University**: Introduction to Microeconomics; Statistical Analysis for Business and Economics; Introduction to Applied Econometrics; Econometric Theory and Practice.
- **Universidad de Costa Rica**: Mathematics for Economists IV; Linear Models; Probability Theory; Calculus II; Linear Algebra.
- **Technische Universität Darmstadt**: Linear algebra, analysis, optimization, differential equations, statistics, and probability.

Teaching Innovation

- Integrated programming components in MATLAB, R, and Python into econometrics and time-series courses.
- Designed AI-based evaluation assignments in which students critically assess and improve AI-generated econometric analysis.

Research Advising and Student Mentoring

- Faculty Advisor and Coach, **Federal Reserve Challenge Team and Fed Challenge Club**, Lehigh University, 2024–present.
- Faculty Advisor, **Macroeconomics, Banking, and Regulation Research Group**, five undergraduate students, 2022–2024.
- Honors Thesis Supervisor, undergraduate thesis on quantitative NFL betting strategies using econometric modeling.

Institutional Service and Leadership

- **Honors Thesis Coordinator**, Department of Economics, Lehigh University, 2023–present.
- **Undergraduate Student Advisor**, College of Business, Lehigh University, 2022–present.
- **Campbell Prize Committee**, Lehigh University, 2021–present.
- **Visiting Faculty Position Search Committee**, College of Business, Lehigh University, 2023.

Professional Service

Journal Refereeing

- *Journal of Economic Dynamics and Control*.
- *Economic Modelling*.
- *Revista de Ciencias Económicas, Universidad de Costa Rica*.
- *Econometric Reviews*.
- *Review of World Economics*.
- *Journal of Forecasting*.
- *Revista Económica de Centroamérica y República Dominicana*.