

Fernanda Steiner Perin

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I hold a Ph.D. of Economics of Industry and Technology from the Federal University of Rio de Janeiro (UFRJ, Brazil). I am currently a Lecturer in Economics at Birmingham City University (UK) and a Research Associate at the Economics of Innovation Research Group of the Federal University of Rio de Janeiro (Brazil). I am also acting as a coordinator of the Economics of Innovation Working Group of the Young Scholars Initiative (YSI)/Institute for New Economic Thinking (INET).

Research interests: Economics of Innovation; International Business; innovation management and strategies; industrial and STI policies; mission-oriented innovation policies, developing countries industrialisation; health and pharmaceutical sector; qualitative research methods.

FORMAL EDUCATION

- 2015-2019 Ph.D.** of Economics of Industry and Technology.
Federal University of Rio de Janeiro (UFRJ, Brazil).
Thesis: The Internationalization of Brazilian Pharmaceutical Companies.
Advisor: Prof. Dr. Julia Paranhos.
Full scholarship awarded by the Brazilian government.
- 2012-2014 MA** of Economics.
Federal University of Santa Catarina (UFSC, Brazil).
Dissertation: Distinct Development Paths: A study on the pattern of Brazilian and South Korean Outward Foreign Direct Investment.
Advisor: Prof. Dr. Silvio Cario.
Full scholarship awarded by the Brazilian government.
- 2006-2010 BA** of Economics.
Federal University of Santa Catarina

PROFESSIONAL EXPERIENCE

- 2021-current Lecturer in Economics**, Birmingham City University/Business School
- Teaching:
Macroeconomics (module leader, level 5, 51 students enrolled).
Applied Economics (module leader, level 4, 67 students enrolled).
Microeconomics (tutor, level 5, 65 students enrolled).
Introduction to Economics and Finance (tutor, level 4, 284 enrolled).
- 2021 Visiting Lecturer**, Birmingham City University/Business School
- Teaching:
Financial Information Systems (tutor, level 4, 70 students enrolled).
Labour Economics (tutor, level 6, 25 students enrolled).
- 2021-current Supervisor**, Vrije Universiteit Amsterdam/Athena Institute
- Teaching:
Supervise master's students of the Programme on Management Policy Analysis and Entrepreneurship in the Health and Life Sciences (level 7, 4 students per year).

2019-
Current **Coordinator** of the Economics of Innovation Working Group
Young Scholars Initiative (YSI)/Institute for New Economics Thinking (INET)

Administrative activities: Project coordination and support of the organisers' team. Organisation of academic events (webinars, reading groups, workshops, etc.). Recruitment of new members.

2019-
Current **Research Associate**, Federal University of Rio de Janeiro/Economics of Innovation Research Group

Research activities: Development of academic research, methodologies and policy recommendations. Internship supervision. Application for research grants. Writing, submitting and reviewing articles for academic journals.

2017 **Lecturer**, Federal University of Rio de Janeiro/Faculty of Accountability

Teaching: Microeconomics (module leader, level 5, 80 students enrolled).

2016-2017 **Research Assistant**
Getulio Vargas Foundations (FGV).

Research activities: Development of academic research, methodologies and policy recommendations. Conduction of fieldwork with companies and policymakers. Writing policy briefs, working papers and publishing the research book.

2015-2016 **Teaching Assistant**, Federal University of Rio de Janeiro/Faculty of Pharmacy

Teaching: Economics and Business for the Pharmaceutical Industry (level 7, 70 students enrolled).

2012-2015 **Consultant**
Federation of Industries of the Santa Catarina State (FIESC).

Research and administrative activities: Development of economic analysis on Brazilian and regional context. Development of informative material for CEOs, managers and policymakers. Preparing and delivering presentations to CEOs, managers and policymakers' meetings.

2013 **Teaching Assistant**, Federal University of Santa Catarina/Socioeconomics Centre

Teaching: Economic History (level 5, 60 students enrolled).

2010-2013 **Research Assistant**
Industrial and Technological Economics Research Centre/Federal University of Santa Catarina (UFSC).

Research activities: Development of academic research and methodologies. Datasets management. Writing economic analysis.

RESEARCH PROJECTS (selected)

I have been working on various research projects throughout my career. Please see some selected ones below.

2020-2021 The injectable cabotegravir value chain as prophylaxis for exposure to HIV in the Brazilian Unified National Health System (SUS).
Grant: UNITAID and Oswaldo Cruz Foundation (FIOCRUZ).

- 2020 Development of the pharminochemistry industry in Brazil and Argentina: diagnosis, challenges, and proposals for post-pandemic recovery
Grant: Inter-American Development Bank (IDB).
- 2019-2021 Innovation policies and instruments to the Industrial Health Complex in Brazil, 2003-2017.
Grant: Open Society Foundations (OSF).
- 2015-2017 The updated diagnosis on university/research institutes and pharmaceutical industry interactions, as part of the project "Reflection of Brazilian Industrial and Technological Health Policies on Local Production and Supply to Brazilian Unified National Health System (SUS)".
Grant: National Council for Scientific and Technological Development (CNPq).
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ACADEMIC EVENT ORGANISATION

I have been organising various academic events throughout my career. Please see some selected ones below.

[Globelics Academy 2022](#). The 15th International PhD School on Innovation and Development. Tampere University, Globelics and Young Scholars Initiative (YSI/INET). Tampere (Finland), August 2022.

[Rethinking Innovation: The state, markets and society in times of upheaval Conference](#). University College London's Institute for Innovation and Public Purpose (UCL/IIPP) and Young Scholars Initiative (YSI/INET). London (UK), September 2021.

[18th International Schumpeter Society Conference](#). Scuola Superiore Sant'Anna and Young Scholars Initiative (YSI/INET) organisation: Special session: "Sectoral patterns of innovation and the evolution of industrial structure". Rome (Italy), July 2021.

[ALTEC/LALICS/YSI-INET PhD Forum](#). Medellin (Colombia), October 2019.

CONFERENCE PARTICIPATION (selected)

I have been participating in various academic conferences throughout my career. Please see some selected ones below.

48th AIB UK & Ireland Conference/8th Reading IB Conference. University of Reading (UK), 2022.

18th International Schumpeter Society Conference, Rome (Italy), 2021.

XVIII Latin-Ibero-American Technological Management Conference (ALTEC), Medellin (Colombia, 2019). *Winner of Best Presentation Award*.

17th International Schumpeter Society Conference, Seoul (South Korea), 2018.

PUBLICATIONS (selected)

Peer Reviewed Journals:

Paranhos, J.; **Perin, F. S.**; Vaz, M.; Falcão, D.; Hasenclever, L. (2022) The health priorities and their articulation with industrial and STI policies in Brazil between 2003 and 2017. *Novos Estudos Cebrap*, 41(2), pp.314-333. *(in Portuguese)*

Paranhos, J.; Vaz, M.; **Perin, F. S.**; Miranda, C.; Falcão, D. (2021) La industria farmoquímica y su integración en América Latina: propuestas de recuperación pospandémica para Argentina y Brasil. *Integración & Comercio*, 25, pp. 199-221.

Perin, F. S.; Cario, S. (2020). Comparative Capitalist Development: A Study of the Foreign Direct Investment Patterns of Brazil and South Korea. *Análise Econômica*. 38(75), pp. 37-72.

Paranhos, J.; **Perin, F. S.**; Mercadante, E.; Soares, C. (2019). Industry-University Interaction Strategies of Large Brazilian Pharmaceutical Companies. *Management Research, The Journal of the Iberoamerican Academy of Management*, 17(4), pp.494-509. ABS 1 star, ABDC rating C.

Paranhos, J.; Hasenclever, L.; **Perin, F. S.** (2018). Theoretical approaches to the relationship between companies and universities and the Brazilian scenario. *Econômica (Niterói)*, 20, pp. 9-29. *(in Portuguese)*

Revise and resubmit:

Perin, F.; Paranhos, J. The home country institutional environment as an internationalisation driver for the Large Brazilian Pharmaceutical Companies. *Journal of Evolutionary Economics*. ABS 2 stars, ABDC rating A.

Perin, F.; Paranhos, J. How does public support influence the Large Brazilian Pharmaceutical Companies' motivation to internationalise? *Multinational Business Review*. ABS 2 stars, ABDC rating B.

Paranhos, J.; **Perin, F. S.**; Vaz, M.; Falcão, D. The public health value as a guide for innovation financing: a case study of the FINEP and BNDES Programmes for the pharmaceutical industry. *(in Portuguese)*

Paranhos, J.; Castilho, M.; Klein, H.; Miranda, C.; **Perin, F. S.**; Passoni, P. Potential costs of implementing long-term injectable cabotegravir as HIV pre-exposure prophylaxis in the SUS. *Physis: Revista de Saude Coletiva*. *(in Portuguese)*

Book and Book Chapters:

Paranhos, J.; **Perin, F. S.**; Cataldo, B. A.; Moreira, T. (2022). Potentials and vulnerabilities of the interaction between companies and scientific and technological institutions in the pharmaceutical sector: the actors' view In: Hasenclever, L. et al. (ed.) *Vulnerabilities of the Brazilian Health Industrial Complex*. Rio de Janeiro: E-papers.

Figueiredo, P. N.; Pinheiro, M. C.; Cabral, B.; Queiroz, F.; **Perin, F.**; Wegner, R. (2018). Imperative of strengthening industrial competitiveness in Brazil: Evidence at firm-level. Rio de Janeiro: FGV Editora. *(in Portuguese)*

Paranhos, J.; **Perin, F. S.** (2018). University-industry relationship in the pharmaceutical sector: two surveys in comparison. In: Garcia, R.; Rapini, M.; Cario, S. (orgs.). *Case studies of university-industry interaction in Brazil*. Belo Horizonte: FACE/UFMG, cap. 3, pp. 79-104. *(in Portuguese)*
