Fernando Miranda España

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Education

Doctoral

Georgia Institute of Technology (Atlanta, GA) 2025 – 2030
Ph.D., International Affairs, Science, and Technology

Master's

King's College London (London, UK) 2023 – 2024
M.A., International Relations, with Distinction

- Honors in Foreign Policy Analysis; Science, Weapons and Arms Control; and Theories of IR
- Dissertation: "Is there another Space Race? A metaphorical analysis of the discourse of the 'Second Space Race'" (awarded with distinction). Supervisor: Dr. Stephan Engelkamp

Bachelor's

Universidad de Santiago de Compostela (Spain) 2019 – 2023
Bachelor's Degree in Law

- Top 3% of the cohort; honors in Political Economy, International Law, European Union Law, and Constitutional Law
- Dissertation: "Analysis of the Spanish Procedure Against Disinformation." Supervisor: Prof. José Julio Fernández Rodríguez

Research Experience

Space Security & Policy

Engineering Space Policy Laboratory, Georgia Institute of Technology 2025 – Present
Graduate Research Assistant (Supervisor: Dr. Thomas G. Roberts)

- Researching the role of space-based interceptors in international security and strategic stability
- Collaborating in an interdisciplinary team of engineering and aerospace researchers, bridging technical and political analysis

Cybersecurity & Global Security

Chair of Cybersecurity, Universidade de Santiago de Compostela (USC) 2024 – 2026
Analyst and Researcher

- Researched cybersecurity policies, emerging threats, and legal frameworks (international, national, European)
- Conducted literature reviews and qualitative analysis on cybersecurity trends and preparedness
- Designed and ran surveys and interviews to assess cybersecurity readiness
- Drafted technical reports and policy briefs synthesizing complex data into actionable recommendations

Center of Security Studies (CESEG) 2021 – 2026
Analyst and Researcher

- Conducted qualitative and quantitative research on global security, focusing on geopolitical dynamics in Europe, Spain, and South America
- Evaluated the effects of cyberattacks and disinformation campaigns on national security and regional stability
- Reviewed security data and provided policy recommendations for government stakeholders
- Worked with experts to assess emerging security threats and shared findings with governments, embassies, and international organizations

Teaching Experience

Teaching Assistant

Georgia Institute of Technology (Atlanta, GA)
American Government (INTA 1200-O)

Publications

Monograph

Is There Another Space Race? A Metaphorical Analysis of the Discourse of the Second Space Race. Andavira (2024). ISBN: 978-84-129402-3-7.

Journal Articles

Assessing the Feasibility of Negotiating with Religious Insurgencies: Historical Precedents and Strategic Lessons. *Journal of Social Researches* 10(26): 17–23 (2024).

International Organizations Against Disinformation. *Journal of Law Applications* 7(18): 1–9 (2023). With José Julio Fernández Rodríguez.

In Press & Under Review

The Many Facets of Disinformation. In press, *Gladius et Sciencia* (2025).

Is There Convergence of the Welfare State of the Most Advanced Countries of Capitalism? Under review. With Adrián Dios Vicente.

Conference Papers

Beyond the First Move: Conditions for Enduring Advantage on the Moon. 77th International Astronautical Congress (October 5–9, 2026). With Thomas González Roberts, Lauren V. Paulson, and Thomas Smith.

From Iron to Gold: Lessons for Space-Based Interceptor Missile Defense. AIAA ASCEND (May 19–21, 2026). With Thomas González Roberts.

Other Articles

Are Scientists Responsible for Their Creations? *Investigación* 16(31): 51–56 (2024).

Practical Implications of International Relations: A Comparative Study of the Constructivist Perspectives of Alexander Wendt and Richard Lebow. *Tempo Exterior* 48: 123–131 (2024). With Diego Sande Veiga.

Navigating Tensions: The Houthis and the Conflict in the Red Sea. *ROAR News* (2024).

One Week After Milei's Victory: What's Next for Argentina? *ROAR News* (2023). With Isabel Cancián.

Amnesty and Catalonia: Dissecting Spain's Electoral Turmoil. *ROAR News* (2023).

Honors & Awards

2026

Travel Grants, Student Government Association and Ivan Allen College of Liberal Arts, Georgia Institute of Technology. In support of participation in the AIAA ASCEND 2026 Conference in Washington, D.C.

Travel Grants, Student Government Association and Ivan Allen College of Liberal Arts, Georgia Institute of Technology. In support of participation in the IAC 2026 Conference in Antalya, Turkey.

2022

Invited Participant, WMGIC x NATO HQ Event "Countering Disinformation." Selected to study disinformation threats and propose strategies to counter them using Large Language Model-driven solutions.

Selected Advisor, European Commission & European Parliament Forum. Appointed to advocate for greater youth involvement and to influence the Spanish EU Presidency's agenda on youth-focused initiatives.

2021 – 2022

Erasmus Exchange Program, School of Law, Helena Chodkowska University, Wrocław, Poland. Selected for a competitive study program abroad.

2017

Amancio Ortega Scholarship. One of 80 students selected from roughly 10,000 applicants across Galicia, supporting a year of study in a U.S. high school.

Skills

Languages

Spanish and Galician: native. English: fluent (C2). Portuguese and French: conversational.

Programming

R (statistical analysis and data visualization). QGIS