

Fernanda R. Rosa

www.fernandarosa.net

University of Pennsylvania | Center for Advanced Research in Global Communication

3901 Walnut Street – Philadelphia, PA – 19104

+1 (267) 584-3037 | fernanda.rosa@asc.upenn.edu

Education

Ph.D. **American University** Washington D.C., U.S.

School of Communication, 2019

Dissertation approved with distinction: *Global Internet Interconnection Infrastructure: Materiality, Concealment, and Politics in Contemporary Communication*

Dissertation Committee: Laura DeNardis (Chair); Aram Sinnreich; Nanette Levinson; Virgilio A. F. de Almeida.

MPP **Fundação Getulio Vargas (FGV)** São Paulo, Brazil.

Master's in Public Policy and Management, 2012

Thesis approved with honors: *For an indicator of digital literacy: an approach on competencies and skills in ICT*

BA **Universidade de São Paulo (USP)** São Paulo, Brazil.

Bachelor's and Licentiate Degree in Social Sciences, 2006

Employment History (selected)

University of Pennsylvania, Annenberg School for Communication

Center for Advanced Research in Global Communication Philadelphia, U.S.

Postdoctoral Fellow (Aug, 2019 –)

American University, School of Communication

Washington D.C., U.S.

Ph.D. Researcher (Sept, 2015 – July, 2019)

Research Assistant (Dr. Aram Sinnreich), *Intellectual Property and Freedom of Speech* (Fall 2015/Spring 2016)

Teaching Assistant (Dr. Aram Sinnreich), *Digital Media and Culture* (Fall 2016)

American University, Internet Governance Lab

Washington D.C., U.S.

Researcher (Sept, 2015 – until now)

Columbia University, Inst. of Latin American Studies and Lemann Center for Brazilian Studies

Research Associate (Feb, 2014 - Sept, 2015)

NYC, U.S.

Princeton University, Innovations for Successful Societies

Princeton, U.S.

Research Assistant (Feb, 2014 - Aug, 2014)

Article 19 (United Kingdom NGO)

São Paulo, Brazil.

Research Consultant (2013, 2017, 2018)

Secretariat of Human Rights, Presidency of the Republic <i>Research Consultant</i> (Oct, 2012 - May, 2013)	Brasília, Brazil.
Department of Education in the City Hall of Sao Paulo Adviser to the Secretary (Oct, 2011 – Oct, 2012)	São Paulo, Brazil.
IBOPE Intelligence Research and Consulting <i>Senior Research Executive</i> (Apr, 2006 - Oct, 2011)	São Paulo, Brazil.

Grants, Honors and Prizes (selected)

- 2019 Ph.D. dissertation defense passed with distinction
- 2018 Recipient of the TPRC 46 Best Student Paper Award – Second Prize, USD 500 (among over 20 submissions)
- 2017 Columbia University’s School of International and Public Affairs and Carnegie Corporation of New York Research Internet Governance Award, USD 10,000
- 2017 Google Policy Fellowship I Red en Defensa de los Derechos Digitales, Mexico, USD 7,500 (among 116 submissions)
- 2017 American University’s Graduate Studies Competition Grant, USD 5,000
- 2012 Masters thesis defense passed with honors

Peer-Reviewed Articles/ Book Review (Google Scholar [Link](#))

- 2018 Rosa, F. R. Book Review: Dubrofsky, R. E. and Magnet, S. A. (Eds.), *Feminist Surveillance Studies, International Journal of Communication (IJOC)* v. 12 [Link](#)
- 2018 Rosa, F. R. Understanding Algorithms: Properties and Dilemmas. In *Brazilian Network Information Center (ed.) ICT Households: Survey on the use of information and communication technologies in Brazilian households*. São Paulo: NIC.BR. pp. 193-198. [Link](#)
- 2016 Rosa, F. R. & Vicentin, D. Governança da Internet e suas Implicações para as Políticas Públicas *Critical Reviews on Latin American Research*, v. 5 n. 1, pp. 57-77 [Link](#)
- 2013 Rosa, F. R. Digital inclusion as public policy: disputes in the human rights field. *Sur - International Journal on Human Rights*, v. 10 n. 18, Jun, 2013 (English, Spanish and Portuguese), p. 32-53 [Link](#)

Book and Book Chapter

- 2020 Rosa, F. R. & Sinnreich, A. (*forthcoming*) The More Things Change: Who Gets Left Behind as Remix Goes Mainstream? In *xtine burrough, Owen Gallagher and Eduardo Navas “The Handbook of Remix Studies and Digital Humanities,”* New York: Routledge.
- 2015 Rosa, F. R. & Azenha, G. S. “Mobile Learning in Brazil: Management and Implementation of Current Policies and Future Perspectives”. São Paulo: Zinnerama. 435p. (Book published in English and Portuguese) [Link](#)

Work under Review

- 2018 Rosa, F. R. "Internet Interconnection Politics in the Global South: Sociotechnical Aspects of an Internet Exchange Point" (*Telecommunications Policy*)

Conference Papers (2017-2019)

- 2019 Rosa, F. R. Code Ethnography: a Method for Studying Power Unbalances in Internet Infrastructure. *Rede de Pesquisa em Governança da Internet* (REDE 2019), Manaus, Brazil.
- 2019 Rosa, F. R. Community Networks, Actor-Networks: The Politics of Internet Interconnection Infrastructure in Indigenous Connectivity Projects. *Society for Social Studies of Science* (4S 2019), New Orleans, U.S.
- 2018 Rosa, F. R. Infrastructure Dependencies: The Internet Exchange Point Ecosystem from A Global South Perspective, *Association of Internet Research* (AoIR 2018), Montreal, Canada
- 2018 Rosa, F. R. Internet Infrastructure as a Point of Control: Surveillance and Censorship through Internet Exchange Points. *Infrastructures as Regulation Conference*, New York University's Law School, NY, U.S.
- 2018 Rosa, F. R. "Internet Infrastructure as a Network of Relations, Devices and Expectations: A Sociotechnical Approach to Internet Exchange Points" TPRC 46, a Student Paper Winner, Washington, DC, U.S.
- 2017 Rosa, F. R. "Education Policy and Technology Design: a Discussion on the One Laptop Per Student in Brazil" Partnership for Progress on the Digital Divide - ICA Conference, San Diego, U.S.

Teaching Experience

- American University, *Teaching Assistant* (Dr. Aram Sinnreich), *Digital Media and Culture* (Fall, 2016)
- Fundação Getulio Vargas, *Capstone Project Co-Adviser - Master in Public Policy and Management* (Fall, 2013)

Service Experience (selected)

- 2019 Peer Reviewer at Hawaii International Conference on System Sciences
- 2019 Peer Reviewer at Rede de Pesquisa em Governança da Internet (Internet Governance Research Network) - REDE, Brazil
- 2019 TPRC Junior Fellow, two-year appointment (2019-2021)
- 2018 Annals Editor, Rede de Pesquisa em Governança da Internet (Internet Governance Research Network) - REDE, Brazil
- 2017 Academic Network foundation, Founding Member, Rede de Pesquisa em Governança da Internet (Internet Governance Research Network) - REDE, Brazil
- 2016 Luncheon organization featuring former Brazilian President Dilma Rousseff and American University academics, American University, Washington, DC

- 2015 Conference organization “Mobile Learning in Brazil,” with public school teachers, academics, policymakers, congress members, NGO and private sector representatives, Columbia University, Brasilia, Brazil
- 2015 Conference organization “Lemann Dialogue 2015: Innovating in The Brazilian Public Sector,” with academics, policymakers, congress members, NGO and private sector representatives, Columbia University, NY, U.S.

Affiliations

American University, School of Communication, *Internet Governance Lab Fellow (2016-)*

Columbia University, School of Int. and Public Affairs, Tech & Policy Initiative, *Next Generation Scholar (2016-)*

UNESCO (Paris), Education Sector, *Mobile Learning Expert (2017-)*

Invited talks (selected)

- 2020 TBD, 3º Simpósio Internacional em Inovação e Governança Digital, University of Brasilia, Brasilia, Brazil
- 2018 Rosa, F. R. Infrastructure Dependencies from Internet Network Interconnection, The Invisible Routes of the Internet: Access, Surveillance and the Commons Seminar. Getulio Vargas Foundation, Internet Sans Frontieres and Instituto de Defesa do Consumidor NGO, Rio de Janeiro, Brazil
- 2018 Rosa, F. R. “Internet Governance and Network Infrastructure” Panel, Communication and Democracy Seminar, Federal University of Bahia, Salvador, Brazil.
- 2016 Rosa, F. R. “M&E in Mobile Learning Policies: lessons from Brazil” Mobile Learning Week, Plenary. UNESCO, Paris, France.
- 2016 Rosa, F. R. “Teacher Training Practices for Mobile Learning Policies: Lessons from Brazil”, Dujiangyan International Forum. UNESCO, Chengdu, China.

Media/ Public Talks (selected)

- 2019 Tecnopolitica, Internet e Concentração de Poder, YouTube Channel and Podcast [Link](#)
- 2016 Fecomercio, Technology applied to Education, YouTube Video (+8,500 views) [Link](#)
- 2016 Estadão, O Debate sobre Tecnologia na Escola está atrasado [Link](#)

Language Skills

Portuguese: Native

English: Fluent (speaking, reading, writing)

Spanish: Fluent (speaking, reading), Advanced (writing)