

Fernanda R. Rosa

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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 Surveillance 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 Degrees in Social Sciences, 2006

Employment History (selected)

Virginia Tech, Department of Science, Technology, and Society Blacksburg, U.S.

Assistant Professor

University of Pennsylvania, Annenberg School for Communication

Center for Advanced Research in Global Communication

Philadelphia, U.S.

Postdoctoral Fellow (Aug, 2019 – Aug, 2021)

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)

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 <i>Research Assistant (Feb, 2014 - Aug, 2014)</i>	Princeton, U.S.
Article 19 (United Kingdom NGO) <i>Research Consultant (2013, 2017, 2018)</i>	São Paulo, Brazil.
Secretariat of Human Rights, Presidency of the Republic <i>Research Consultant (Oct, 2012 - May, 2013)</i>	Brasília, Brazil.
Department of Education in the City Hall of Sao Paulo <i>Adviser to the Secretary (Oct, 2011 – Oct, 2012)</i>	São Paulo, Brazil.
IBOPE Intelligence Research and Consulting <i>Senior Research Executive (Apr, 2006 - Oct, 2011)</i>	São Paulo, Brazil.

Grants, Honors and Prizes (selected)

2020	Honorable Mention, Best Dissertation Award, Association of Internet Researchers (AoIR)
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 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](#))

2021	Rosa, F. R. (<i>forthcoming</i>) Made in Brazil: Conspiracy Theory and the Flow of Information in One-to-One WhatsApp Conversations. <i>Preludios</i> .
2020	Vicentin, D.; Rosa, F. R. 5G e Covid-19: das teorias da conspiração ao domínio da infraestrutura de vigilância. <i>Revista Comciência</i> , n 218 Link
2018	Rosa, F. R. Book Review: Dubrofsky, R. E. and Magnet, S. A. (Eds.), <i>Feminist Surveillance Studies</i> , <i>International Journal of Communication</i> v. 12 Link
2018	Rosa, F. R. Understanding Algorithms: Properties and Dilemmas. In <i>Brazilian Network Information Center (ed.) ICT Households: Survey on the use of information and communication technologies in Brazilian households</i> . 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 Chapters

- 2021 **Rosa, F. R.**; Clifford, M.; Sinnreich, A. The More Things Change: Who Gets Left Behind as Remix Goes Mainstream? In Eduardo Navas, Owen Gallagher and xtine burrough *The Handbook of Remix Studies and Digital Humanities*, New York: Routledge. [Link](#)
- 2021 **Rosa, F. R.**; Dias; M. C. N. (in memoriam) Letramento digital: significados existentes e a proposição de um conceito. In: Pereira Neto, A.; Flynn, M. (orgs.). *Internet e Saúde no Brasil: Desafios e Tendências*. 1 ed. São Paulo: Cultura Acadêmica. [Link](#)
- 2020 **Rosa, F. R.** Infrastructure as 'public good': The Limits of Local Governance in a Global Internet. In *Critical Digital Sovereignities*. Philadelphia: CARGC Press. [Link](#)
- 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](#)

Manuscripts Under Review

- 2021 **Rosa, F. R.** Shared Networks: The Paths of Latin-Centric Indigenous Networks to a Pluriversal Internet, *New Media & Society*.
- 2021 **Rosa, F. R.** Etnografia do Código e a Materialidade de Poder na Interconexão da Internet, *Revista Eletrônica Internacional de Economia Política da Informação, da Comunicação e da Cultura*.
- 2021 **Rosa, F. R.** Code Ethnography and the Border Gateway Protocol, *Digital Humanities Quarterly*.
- 2021 **Rosa, F. R.** Internet Interconnection Infrastructure in the Global South, *Internet Policy Review*.
- 2021 **Rosa, F. R.**; Hauge, J. A. GAFA's Information Infrastructure Distribution: GAFA's Information Infrastructure Distribution: Interconnection Dynamics in the Global North versus Global South, *Policy & Internet*.
- 2020 **Rosa, F. R.**; Soto-Vásquez, A.D. "Aesthetics of Otherness: Representation of #migrantcaravan and #caravanamigrante on Instagram" in S. Juarez, J. Khrebtan-Höerhager, M. Lechuga, A.D. Soto-Vásquez (Eds.), *Migrants: Rhetoric, Representation, Resistance*. University of Alabama Press.

Book Manuscript in Preparation

2022-23 **Rosa, F. R.** *The Internet from the South: An Ethnography of Code and Infrastructure.*

Conference Papers (2017-2021)

- 2021 **Rosa, F. R.** Shared Networks: The Paths of Latin-Centric Indigenous Networks to a Pluriversal Internet, *Association of Internet Researchers (AoIR 2021)*, Philadelphia/ Virtual.
- 2021 **Rosa, F. R.;** Soto-Vásquez, A.D. “Aesthetics of Otherness: Representation of #migrantcaravan and #caravanamigrante on Instagram,” *International Communication Association*, Virtual.
- 2021 **Rosa, F. R.;** Hauge, J. A. GAFA’s Information Infrastructure Distribution: Implications for the Global South. TPRC 48, Washington DC/ Virtual. [Link](#)
- 2020 **Rosa, F. R.;** Vicentin, D. O Papel do Jornalismo na Desconstrução de Teorias da Conspiração: O Caso da Relação entre 5G e Covid-19, *43º Congresso Brasileiro de Ciências da Comunicação*, Virtual. [Link](#)
- 2020 **Rosa, F. R.** Code Ethnography and the Materiality of Power in Digital Communication Infrastructures. *Society for Social Studies of Science (4S 2020)*, Prague/Virtual.
- 2020 **Rosa, F. R.;** Soto-Vásquez, A.D. National Borders, Digital Bridges? The Mediation of Migrant Caravan on Instagram, Preconference in Digital Media in Latin America, *International Communication Association*, Virtual.
- 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 Researchers (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, Top 2 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 Pre-conference, San Diego, U.S.

Teaching Experience

University of Pennsylvania, Instructor and Course Designer, *Power and Design in Global Communication* Undergraduate seminar, (Fall, 2020). [Link](#)

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

University of Pennsylvania's Center for Teaching and Learning, *College Teaching*, 8-week course (Fall, 2019)

Fundação Getulio Vargas, *Capstone Project Co-Adviser - Master in Public Policy and Management* (Fall, 2013)

Service Experience (selected)

2021 Peer Reviewer for the *New Media and Society Journal*

2021 Peer Reviewer for the Association of Internet Researchers (AoIR)

2021 Peer Reviewer for *Rede de Pesquisa em Governança da Internet*

2021 Member of the International Committee of Scientific Reviewers for the *Comunicar Journal*

2021 Peer Reviewer for the *Journal of Information Policy*

2020 Peer Reviewer for the International Communication Association

2020 Peer Reviewer for the *Discourse, Context & Media Journal*

2020 Co-organizer, CARGC Fellows Conference

2019 Peer Reviewer for the Hawaii International Conference on System Sciences

2019 Peer Reviewer for the *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 co-founder, *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, Tech & Policy Initiative, *Next Generation Scholar* (2016-2018)

UNESCO (Paris), Education Sector, *Mobile Learning Expert* (2017-2019)

Professional Memberships

Association of Internet Researchers (AoIR)

International Communication Association (ICA)

Rede de Pesquisa em Governança da Internet (REDE) (co-founder)

Social Studies of Science Studies (4S)

Sociedade Brasileira de Estudos Interdisciplinares da Comunicação (INTERCOM)

Invited talks (selected)

2021 “Novos desafios da Internet e seus impactos geopolíticos,” Ciclo de Debates, School of Internet Governance, Brazil

2021 “Information Infrastructures and the Challenges to Democracies,” 3^o International Symposium on Innovation and Digital Governance, University of Brasilia, Brasilia, Brazil.

2020 “Etnografia do Código,” Fundação Oswaldo Cruz (FIOCRUZ) (discipline “Etnografia Virtual,” Professor André Pereira Neto).

2020 “Etnografia do Código,” Fundação Escola de Sociologia e Política (FESP) (discipline “Política e Internet,” Professor Rosemary Segurado).

2019 “Internet Interconnection Infrastructure,” Annenberg School for Communication (discipline Power and Flow in the Digital Age, Professor Monroe Price).

2019 “Quem Infraestrutura a Internet?,” Federal University of Amazonas, Brazil.

2018 “Internet Governance and Network Infrastructure” Panel, Communication and Democracy Seminar, Federal University of Bahia, Salvador, Brazil.

2016 “M&E in Mobile Learning Policies: lessons from Brazil” Mobile Learning Week, Plenary. UNESCO, Paris, France.

2016 “Teacher Training Practices for Mobile Learning Policies: Lessons from Brazil,” Dujiangyan International Forum. UNESCO, Chengdu, China.

Panel Moderator

2021 Moderator, Infrastructures and the Global South, CARGC Fellows Conference, University of Pennsylvania.

- 2021 Moderator, Estratégias para a Inteligência Artificial, Fórum Permanente: Estratégias para a Inteligência Artificial, State University of Campinas, Brazil.
- 2021 Moderator, What is Internet Governance? International Seminar on Internet Governance, School of Internet Governance, Brazil.
- 2019 Moderator, Technology and Innovation in Education: How to Make it Sustainable? Lemann Dialogue, Columbia University.

Public Media/ Interviews (selected)

- 2020 Outras Palavras, Há algo Perverso na Comunicação Presidencial [Link](#)
- 2019 Tecnopolitica, Internet e Concentração de Poder, YouTube Channel and Podcast (+1,200 views) [Link](#)
- 2019 Brazil Talk, Columbia University, Internet Exchange Points [Link](#) and [Link](#)
- 2016 Fecomercio, Technology applied to Education, YouTube Video (+12,300 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)