

Luis Felipe R. Murillo, Ph.D.

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EDUCATION

- 2015 University of California, Los Angeles
Ph.D. Anthropology
Dissertation: “Transnationality, Morality, and Politics of Computing Expertise”
- 2009 Universidade Federal do Rio Grande do Sul (UFRGS)
M.A. Social Anthropology
Thesis: “Technology, Politics, and Culture in the Brazilian Free and Open Source Community”
- 2006 Universidade Federal do Rio Grande do Sul (UFRGS)
B.A. Social Sciences, emphasis in Social Anthropology

ACADEMIC APPOINTMENTS

- 2022–present Assistant Professor, Anthropology department, University of Notre Dame
2019–2021 Research Associate, Center for Data Ethics and Justice, School of Data Science, University of Virginia
- 2018–2019 Lecturer, Interdisciplinary Social Sciences Master’s Program
École Normale Supérieure (ENS) & École des Hautes Études en Sciences Sociales (EHESS) joint program, Paris, France
- 2018 Lecturer, Master’s Program in Humanities and French Culture
École Polytechnique, Palaiseau, France
- 2016–2018 Post-Doctoral Researcher, Laboratoire Interdisciplinaire de Sociologie Économique (CNAM-CNRS), Institut Francilien Recherche Innovation Société, Paris, France

ACADEMIC AFFILIATIONS

- 2024–2025 Visiting Researcher, Department of Anthropology, University of California, Berkeley
2022–present Research Fellow, Notre Dame Lucy Family Institute for Data and Society
2022–2024 Research Fellow, Notre Dame Technology Ethics Center
2017–2019 Visiting Researcher, European Organization for Nuclear Research (CERN)
2014–2016 Research Fellow, Berkman Center for Internet & Society, Harvard University
2005 Exchange Student, Department of Anthropology, University of California, San Diego

RESEARCH AND TEACHING INTERESTS

Anthropology of Science and Technology; Computing; Science and Technology Studies; Political and Economic Anthropology; Digital Anthropology; Collaborative Ethnography; Commons; Hacking; Free and Open Source Technologies.

PUBLICATIONS

Book

- 2025 **Luis Felipe R. Murillo**. “Common Circuits: Hacking Alternative Technopolitical Futures” Stanford: Stanford University Press (*in press*).

Peer-Reviewed Articles

- 2024 **Luis Felipe R. Murillo** and Erin McElroy. “When Open Is Far From Good Enough?” *Engaging Science, Technology and Society*, 23(4). (*in review*)
- 2023 Luis Felipe R. Murillo. “How to Avoid the Infrastructural Blues? Studying-while-caring for digital infrastructures” *Annals of Anthropological Practice*, 23(2): 1–16.
- 2023 **Luis Felipe R. Murillo**, Caitlin Wylie, Phil Bourne. “Critical Data Pedagogies: Three (non-rival) approaches.” *Big Data and Society* 12(4): 1–11.
- 2023 Caitlin Wylie, **Luis Felipe R. Murillo**. “Care-fully?: The Question of ‘Knowledge Co-production’ in Arctic Science.” *Catalyst: Feminism, Theory, Technoscience*, 9(2): 1–22.
- 2020 Luis Felipe R. Murillo. “Moral Circuits,” *Catalyst: Feminism, Theory, Technoscience*, 6 (2): 1–6.
- 2020 Luis Felipe R. Murillo. “Hacking et Magie,” *Revue du MAUSS*, n. 56 (*online*): 1–15.
- 2020 Luis Felipe R. Murillo. “Hackerspace Network: Prefiguring Technopolitical Futures,” *American Anthropologist*, 121 (3): 207–221.
- 2018 Luis Felipe R. Murillo. “What Does ‘Open Data’ Mean for Ethnographic Research?” *American Anthropologist*, 120 (3): 577–582.
- 2017 **Luis Felipe R. Murillo** and Pietari Kauttu. “Open Hardware as an Experimental Innovation Platform: Preliminary Research Questions and Findings” *CERN IdeaSquare Journal of Experimental Innovation*, 1 (1): 26–34.
- 2016 Luis Felipe R. Murillo. “New Expert Eyes Over Fukushima: Open Source Responses to the 3/11 Disaster in Japan,” *Anthropological Quarterly*, 89 (2): 433–463.
- 2013 Morgan Currie, Christopher Kelty, and **Luis Felipe R. Murillo** (*authors in alphabetical order*). “Free Software Trajectories: From Organized Publics to Formal Social Enterprises?” *Journal of Peer Production*, issue 3: 1–22.
- 2013 **Luis Felipe R. Murillo**, Diane Gu, Jarita Holbrook, and Sharon Traweek. “Partial Perspectives in Astronomy: Gender, Ethnicity, Nationality, and Meshworks in Building Images of the Universe and Social Worlds” *Interdisciplinary Science Reviews*, 37 (1): 36–50.
- 2011 Adam Fish, **Luis Felipe R. Murillo**, Lilly Nguyen, Aaron Panofsky, Christopher Kelty. “Birds of the Internet: towards a field guide to the organization and governance of participation” *Journal of Cultural Economy*, 4 (2): 157–187.

- 2007 Luis Felipe R. Murillo. "The Virtual and the Political: On Disputing Discourses of the Brazilian Free Software Community" (*original title in Portuguese*) *Observatorio (OBS)*, 1(2): 227-238.
- 2003 Luis Felipe R. Murillo. "Interfaces Between two Domains of Discourse Analysis: The French School in Relation to Critical Discourse Analysis" (*original title in Portuguese*). *Ao Pé da Letra*, 5(2): 77-86.

Edited Volumes and Special Issues

- 2020 Sareeta Amrute and **Luis Felipe R. Murillo**. "Computing in/from the South," *Catalyst: Feminism, Theory, Technoscience* 6 (2): 1-23.

Book Chapters

- 2023 Luis Felipe R. Murillo. "Déboussoler le hacking" in Olivier, Alexandre and Monique Dagnaud (ed.). *Numérique, le travail réinventé?* Lausanne: Peter Lang.
- 2022 Luis Felipe R. Murillo. "Hacking" in Callan, Hillary (ed.). *International Encyclopedia of Anthropology*. London: Wiley Blackwell.
- 2022 Luis Felipe R. Murillo. "Decentering Comparison, Questioning Holism: The Multi-sited Ethnographic Approach," in Lallement, Michel and Giraud, Olivier (ed.), *Decentering Comparative Studies, Global Perspectives*. Leiden: Brill publishers.
- 2017 **Luis Felipe R. Murillo** and Christopher Kelty. "Hackers and Hacking" in Koch, Gertraud (ed.). *Digitalisation: Theories and Concepts for Empirical Cultural Research*. New York: Routledge.
- 2017 **Luis Felipe R. Murillo** and Christopher Kelty. "Hacking und Hackers" in: Koch, Gertraud (ed.). *Digitalisierung: Theorien und Konzepte für die Empirische Forschung*. Konstanz: Universitätsverlag Konstanz.
- 2017 Kim Fortun, Scott Knowles, Vivian Choi, Paul Jobin, Miwao Matsumoto, Pedro de la Torre, Max Liboiron, **Luis Felipe R. Murillo**. "Researching Disaster from an STS Perspective" in Felt, Ulrike, Rayvon Fouché, Clark Miller and Laurel Smith-Doerr (ed.). *Handbook of Science and Technology Studies* (4th edition) Cambridge, MA: MIT Press.
- 2016 Lucas M. Panitz and **Luis Felipe R. Murillo**. "Multi-sited Ethnography in Anthropology and Geography" in: Heidrich, Álvaro and Cláudia Z. Pires (ed.). *Qualitative Research Practices in Geography: spatio-cultural and organizational knowledge (original title in Portuguese)* Porto Alegre: Editora Letra.
- 2014 Luis Felipe R. Murillo. "Free Software" in: Marie-Laure Ryan, Lori Emerson, and Benjamin J. Robertson (ed.). *Johns Hopkins Guide to Digital Media*. Baltimore: Johns Hopkins University Press.
- 2010 Luis Felipe R. Murillo. "Politics, Culture and Technology in the Brazilian Free Software Community" In Leal, Ondina F. and Rebeca V. Souza (ed.). *Intellectual Property Regime:*

Anthropological Studies (original title in Portuguese) Porto Alegre: Tomo Editorial.

- 2008 Carlos Alberto Steil and **Luis Felipe R. Murillo**. “Foreword” in *Body/Meaning/Healing* by Thomas Csordas (original title in Portuguese), Porto Alegre: Editora da Universidade, UFRGS.
- 2007 Luis Felipe R. Murillo. “Reflections upon the Anthropologist's Place and Positioning” in Fonseca, Cláudia et al. (ed.). *Anthropologists in Action: Experiments in Human Rights Research* (original title in Portuguese) Porto Alegre: Editora da Universidade, UFRGS.

Book Reviews

- 2015 Luis Felipe R. Murillo. “Chan, Anita Say. 2013. *Networking Peripheries: technological futures and the myth of digital universalism*. Cambridge, MA: MIT Press.” *Social Science Journal* 52: 86-87.

Public Scholarship

- 2022 **Luis Felipe R. Murillo** and Shannon Dosemagen. “Collaborative climate futures? Envisioning the role of open data infrastructures for collaborative socio-environmental research” in *Commonplace*, Series 2.1: Useful, Accessible Data.
- 2021 Luis Felipe R. Murillo. “Open Hardware as Critical Infrastructure?” in *Journal of Open Hardware*, Medium.
- 2019 **Luis Felipe R. Murillo**, Pietari Kauttu, Laia Pujol, Andrew Katz, Jonathan Wareham. “Open Hardware Licensing: Parallels and Contrasts,” in *Open Science Monitor Case Study, European Commission*. Luxembourg: Publications Office of the European Union.
- 2018 Laia Pujol, Jonathan Wareham, **Luis Felipe R. Murillo**. “White Rabbit,” in *Open Science Monitor Case Study, European Commission*. Luxembourg: Publications Office of the European Union.
- 2018 Luis Felipe R. Murillo. “Dim Sum Labs Memories: Joys and Tribulations of an Open Laboratory” in Poon, Michelle (ed.). *The Field Guide to Hacking*. Hong Kong: Dim Sum Labs.
- 2018 **Luis Felipe R. Murillo**, Jenny Molloy, Shannon Dosemagen (Stewarding Authors) + 91 contributors. “Global Open Science Hardware Roadmap,” Sloan Foundation: Global Open Science Hardware (*online*).
- 2017 Luis Felipe R. Murillo. “De l'Openwashing,” in *Paris Innovation Review* (*online*).
- 2017 **Luis Felipe R. Murillo** and Tobias Welzel. “Welcome to the Journal of Open Hardware” *Journal of Open Hardware*. 1(1):1-2.
- 2015 Luis Felipe R. Murillo. “Independent Journalism as Transformative Experience” in Cortesi, Sandra and Gasser, Urs (ed). *Youth and Online News: Reflections and Perspectives*, Berkman Center Research Publication No. 2015-3, Berkman Center for Internet & Society, Cambridge: MA.

Film

- 2013 **Luis Felipe R. Murillo** and Ethan Crawford. “Catadores,” *Indymedia Porto Alegre*, DVD, Color, 36min. Vimeo (*online*).

AWARDS, GRANTS AND FELLOWSHIPS

Awards and Fellowships

- 2014–2016 Berkman Center for Internet and Society, Harvard University
Research Fellow
- 2009–2013 Fulbright
Doctoral Fellow
- 2007–2009 Coordination for the Improvement of Higher Education Personnel (CAPES)
Graduate Fellow
- 2006 Fund for the Improvement of Post-secondary Education / Coordination for the Improvement of Higher Education Personnel (FIPSE-CAPES)
Undergraduate Fellow

External Grants

- 2023 Wikimedia Foundation
Co-PIs: **Luis Felipe R. Murillo** (ND), Shannon Dosemagen (OEDP), Emilio Velis (Appropedia), Michelle Thorne (Green Web Foundation), Alex Stinson (Wikimedia Foundation), Evelin Heidel (Wikipedia Uruguay) [\$40,000]
- 2023–2025 National Science Foundation
PI: **Luis Felipe R. Murillo** (ND); Co-PIs: Katherine Hoerberling (OEDP), Gerd Herber (HDF Group), Don Brower (ND). Funding for “Socio-Environmental Knowledge Commons (SEEKCommons) project” [\$1,500,000]
- 2021–2025 National Science Foundation
PI: Howard Epstein (UVA); Co-PIs: **Luis Felipe R. Murillo** (ND), Matthew Jull (UVA), Caitlin Wylie (UVA), Leena Cho (UVA). Funding for “Understanding the Changing Natural-Built Landscape in an Arctic Community: An integrated sensor network in Utqiagvik, Alaska” [\$3,000,000]
- 2017–2018 Institut Francilien Recherche Innovation Société
Postdoctoral Research grant

University Grants

- 2019–2021 Strategic Investment Fund, University of Virginia
Co-PIs: Mona El Khaffif (UVA), Andrew Mondschein (UVA) and **Luis Felipe R.**

- Murillo** (UVA). Funding for “Networked Public Space: Prototyping Civic Infrastructures and the IoT”, [\$200,000]
- 2014–2015 UCLA Center for Brazilian Studies
Jorge Paulo Lemann Fellowship [\$20,000]
- 2013–2014 University of California Pacific Rim Program
Graduate Student Research Fellowship [\$12,000]
- 2013 UCLA Latin American Institute
Dissertation Research Fellowship [\$4,000]
- 2012 UCLA Terasaki Center for Japanese Studies
Kawahara Fellowship [\$3,000]
- 2011 UCLA Center for the Studies of Women
Travel Grant [\$2,000]

PRESENTATIONS

Invited Talks

- 2024 “Common Research Software, Hardware, and Data? The Experience of the SEEKCommons Network,” *Ethical Open Science for Past Global Change Data Workshop, University of Wisconsin-Madison*, Madison, July 30.
- 2023 “The Common in Science and Technology” (*original title in Portuguese*), *PUC-SP, Education dept.*, São Paulo, Brazil, August 8.
- 2023 “Hacking (for creating and severing) Ties,” *Sci-Tech Asia speakers’ series (online)*, January 27.
- 2022 “Qu’est-ce que la ‘science ouverte’ signifie pour l’enquête ethnographique ?,” *Centre Maurice Halbwachs, École Normale Supérieure*, Paris, France, December 16.
- 2022 “Hacker Tours, Trajectories and Circuits,” *Anthropology dept., University of California Berkeley*, Berkeley, October 17.
- 2022 “Urgent Crises, Slow Solutions: A Conversation about the Open Movement, Craft Technologies and a Sustainable Internet,” *Ars Electronica*, Liz, Austria, September 10.
- 2021 “The Question of ‘Openness’ in Science and Technology,” *School of Data Science, University of Virginia*, Charlottesville, November 23.
- 2019 “HOWTO Create a Culture of Hardware Sharing in Academia,” *Week of Open Source Hardware, RISC-V conference*, Engineering Department, Swiss Federal Institute of Technology, Zurich, Switzerland, June 13.
- 2018 “Open Data Politics: Data Sharing Beyond Public/Private Divides,” Center for Social Data Science (SODAS) and *Department of Anthropology, University of Copenhagen*, Copenhagen,

Denmark, November 28.

- 2017 “Développeurs, hackers et créativité numérique,” Le modèle californien: innovation, disruption, ubérisation, *École des Hautes Études en Sciences Sociales*, Paris, France, December, 19.
- 2017 “Why Do We Need An Academic Journal for Open Hardware?” Open Source for Science + Innovation symposium, *Open Source Initiative (OSI)*, CIC, Boston, April 5.
- 2017 “Hacking Ties: Morality, Politics, and Transnationality of Computing Expertise,” *Department of Anthropology, Portland State University*, Portland, January 19.
- 2015 “Hacking Ties: The Alterglobalization of Computing Expertise,” *Anthropology dept., New School for Social Research*, New York City, December 7.
- 2015 “Spaces and Places of Hacking,” *Department of Science and Technology Studies, Rensselaer Polytechnic Institute*, Troy, NY, May 16.
- 2015 “Technical First-Natures: An Anthropological Study of Hacking,” *School of Informatics and Computing, Rob Kling Center for Social Informatics, Indiana University*, Bloomington, March 3.
- 2014 “Hacking as Transformative Experience,” *1st International Forum on Makers and Education, Department of Engineering, Tsinghua University*, Beijing, China, November 29.
- 2014 “Anthropology and/of Computing: Notes and Queries” *Department of Sociology, Beijing University*, Beijing, China, November 28.
- 2014 “Computing Expertise: Intersections between STS and Anthropology,” *Department of Science, Technology, and Society, Tsinghua University*, Beijing, China, November 27.

Panels and Workshops Organized

- 2023 Co-organized with Shannon Dosemangen (OEDP) and Matías Milia (ND). “Whatever Happened to Communalism in Science and Technology?” *Society for Social Studies of Science Annual Meeting (4S)*, Honolulu, November 21.
- 2023 Co-Organized with Leila Adu-Gilmore (NYU), Antônio Carlos TC Silva (Casa Tainã), and Francisco Caminati (UNESP): “Knowledges, Territories, Sovereignties, and Libre Infrastructures.” *Casa de Cultura Tainã*, Campinas, São Paulo, July 29-30.
- 2022 Co-Organized with Guilherme Heurich (UCL): “Experiments at the borders of computational cultures,” *Anthropology dept., University College London*, London, August 1st.
- 2021 Chair. “Techniques, Technologies, and Relationalities in Mapping Evictions.” *Society for Social Studies of Science Annual Meeting (4S)*, Toronto, Canada, October 7.
- 2019 Co-Organized with Samuel Lengen (UVA): “Algorithmic Futures: Computing as a Site and Object of Technopolitical Interventions,” *Canadian Anthropological Society / American Anthropological Association Annual Meeting*, Vancouver, Canada, November 22.

- 2018 Co-Organized with Morgan Meyer (École de Mines) and Evelyne Lhoste (IFRIS): “Collaboration in/with Open Labs: Studying the Objects of Boundary-making and Crossing,” *EASST2018 Conference*, Lancaster University, England, July 27.
- 2018 Main Organizer: “HACKarnaval: cultures pratiques, détournements technologiques” *Musée des Arts et Métiers*. Paris, France, May 17.
- 2017 Chair: “Fabricating Utopics: Hacking Imaginaries,” *American Anthropological Association Annual Meeting*, Washington D.C., November 30.
- 2015 Co-Organized with Shaozeng Zhang (UC Irvine): “Anthropological Trajectories: Encounters Across Transnational Production, Circulation, and Difference,” *American Anthropological Association Annual Meeting*, Denver, CO, November 18.
- 2014 Co-Organized with Sharon Traweek (UCLA): “Anthropology and STS: dis/encounters and potential South-North exchanges,” *Society for Social Studies of Science Annual Meeting (4S)*, Buenos Aires, Argentina, August 20.
- 2013 Co-Organized with Carlos Denner (UnB): “Free Software Research Workshop” (*original title in Portuguese*) *13th International Free Software Forum*, Porto Alegre, Brazil, July 6.
- 2012 Co-Organized with Alexandra Lippmann (UC Irvine): “Piracy, Property and Possession: Cultural Production and Circulation as Border-crossings,” *American Anthropological Association Annual Meeting*, San Francisco, CA, November 14.

Conference Papers and Presentations

- 2024 “Hacking to Heal the Planet” *HOPE XV*, St. John University, New York City, July 14.
- 2024 Co-authors: Luis Felipe R. Murillo (*first author*), Matías Milia, and SEEKCommons Project. “Beyond openness, toward the common? The role of open technologies in environmental research” *European Association for the Study of Science and Technology (EASST)* conference, Amsterdam, Netherlands, July 18.
- 2024 Co-authors: Matías Milia (*first author*), **Luis Felipe R. Murillo**. “Open Journal System as critical knowledge infrastructure: Practicing ‘Open Access’ from a Latin American standpoint” *Latin American Studies Association (LASA)* conference, Bogotá, Colombia, June 15.
- 2023 Co-authors: Mirella Shaban (*first author*), Howard Epstein, **Luis Felipe R. Murillo**, Gerkin, T., Cho, L., Nelson, M., Wylie, C., Bradley, H.R., Nelson, L., Van Metre, E., Fallin, K. “Spatiotemporal assessment of ground temperature hot and cold spots at urban sites in Utqiagvik, Alaska.” Poster Presentation. *American Geophysical Union (AGU) annual conference*, San Francisco, CA, December 14.
- 2023 Co-authors: Luis Felipe R. Murillo (*first author*), Shannon Dosemagen, Gerd Heber, Don Brower, Matías Milia, Katie Hoelbering, Lane Rasberry, Michelle Cheripka, Aleksandar Jelenak, John Readey. “Socio-Environmental Knowledge Commons: Common Technologies and Infrastructures for Socio-Environmental Research,” *American Geophysical Union (AGU) annual conference*, San Francisco, CA, December 12.

- 2023 “Technologies from the South as Method and Challenge,” *American Anthropological Association* meetings, Toronto, November 18.
- 2022 Co-authors: Luis Felipe R. Murillo (*first author*), Mirella Shaban, John Readey, Tobias Gerken, Howard Epstein. “Open Environmental Data Stewardship: Challenges and promises of FAIR-CARE integration for data protection and sharing,” *American Geophysical Union (AGU) annual conference*, December 13.
- 2022 Co-authors: Caitlin Wylie (*first author*), **Luis Felipe R. Murillo**, and McKenzie Nelson, “How Research Teams Conceptualize 'Co-production of Knowledge' in the Arctic,” *American Geophysical Union (AGU) annual conference*, December 13.
- 2022 “Critical Solidarities and Grounded Relationalities in Housing, Data and Spatial Justice,” *American Studies Association (ASA) conference*, New Orleans, November 4.
- 2022 “Infrastructural blues: Studying-while-caring for open environmental data stewardship,” *Anthropology, AI and the Future of Human Society, Royal Anthropological Institute*, June 10.
- 2021 “When 'Open' is Still Far from 'Good Enough': the work of critical mapping with open technologies,” *Society for Social Studies of Science (4S) annual meeting*, Toronto, October 7.
- 2021 Co-authored with Caitlin Wylie (*first author*), “Collaborative sociotechnical research: theories and methods,” *Society for Social Studies of Science (4S) conference*, Toronto, October 9.
- 2019 “Ambiguity in Natural Language Processing,” *Canadian Anthropological Association/ American Anthropological Association Annual Meeting*, Vancouver, BC, November 11.
- 2019 “Another Infrastructure is Possible Experiments in Open Hardware for Research Infrastructures at CERN,” *Society for Social Studies of Science Annual Meeting (4S)*, New Orleans, September 5.
- 2018 Co-authored with Laia Pujol and Pietari Kauttu, “White Rabbit Research Collaboration: Preliminary Results,” *CERN Beams Control Group “White Rabbit” Workshop*. CERN, Geneva, Switzerland, October 6.
- 2017 “Designing Open Science Hardware: From Community Spaces to Open Laboratories?” *Society for Social Studies of Science Annual Meeting (4S)*, Boston, MA, September 2.
- 2017 “Pedal Transcriba: an Ethnographic Device of (and for) Qualitative Research,” *Poster Session, Society for Social Studies of Science Annual Meeting (4S)*, Boston, MA, September 2.
- 2017 “Forming a Global Hackerspace Network: Computing Expertise as Political Action at Global Scales?” *Society for the Advancement of Socio-Economics (SASE)*, University Claude Bernard 1, Lyon, France, June 29.
- 2017 “Openness as a Problem, Object, and Project,” *An Open Digital South: Risks and Rewards*, University of California, Davis, Davis, CA, May 24.
- 2016 “What Does 'Open Ethnographic Data' Mean for Anthropological Research?” *Society for Cultural Anthropology (SCA) Biennial Meeting*, Ithaca, NY, May 13.

- 2015 “Transnationality, Morality, and Politics of Computing Expertise,” *American Anthropological Association Annual Meeting*, Denver, CO, November 18.
- 2015 “Hackerspaces: Alterglobalization of Computing Expertise?” (*original title in Portuguese*) *Asociación Latinoamericana de Antropología (ALA), IV Congreso Latinoamericano de Antropología*, Mexico City, Mexico, October 8.
- 2015 “Data Management for the Platform for Experimental, Collaborative Ethnography,” *Research Data Alliance (RDA) Sixth Plenary*, Conservatoire National des Arts et Métiers (CNAM), Paris, France, September 23.
- 2015 “Hacker Projects and Trajectories,” *American Ethnological Society Meeting*, San Diego, CA, March 12.
- 2014 “Designing a Feminist Programming Language: Project and Parody” *Society for Social Studies of Science Annual Meeting (4S)*, Buenos Aires, Argentina, August 22.
- 2013 “Hacking and/as Bricolage,” *Society for Social Studies of Science Annual meeting (4S)*, San Diego, CA, October 10.
- 2013 “New Expert Eyes Over Fukushima: Open Source Responses to the Nuclear Crisis in Japan,” *NSF Research Workshop on Fukushima*, Lawrence Berkeley National Laboratory, UC Berkeley, May 12-14.
- 2012 “Hacking and/as Magic,” *American Anthropological Association Annual Meeting*, San Francisco, CA, November 14.
- 2011 Co-authored: Luis Felipe R. Murillo (*first author*), Diane Gu, Jarita Holbrook and Sharon Traweek, “Partial Perspectives in Astronomy: Gender, Ethnicity, Nationality and Meshworks *Building Digital Images of the Universe*,” *Visualisation in the Age of Computerisation Conference*, University of Oxford, England, March 25.
- 2010 “Free and Open Source Software Networked Publics: Public Participation and Co-Construction of Information Technologies in Brazil and Japan,” *Society for Social Studies of Science Annual Meeting (4S)*, University of Tokyo, Japan, September 29.
- 2008 “Technology and Politics in the Brazilian Free and Open Source Community,” *American Anthropological Association Annual Meeting*, San Francisco, CA, October 22.
- 2006 “Language, Politics, and Virtuality: An Approach to Free and Open Source Community Studies” (*original title in Portuguese*), *III Congreso Online – Observatorio para la Cibersociedad*, Online, October 20.
- 2004 “The Virtual and the Political: Analysis of a Discursive Dispute Involving Corporate and Communitarian Approaches to the Internet” – *nominee to the Young Scientist Award (original title in Portuguese)*, *XVI Salão de Iniciação Científica*, UFRGS, Porto Alegre, Brazil, October 25.

- 2004 “Electronic Discourse Analysis: From the Text to the Hypertext” (*original title in Portuguese*), *VIII International Seminar on Language and Literature*, Universidade Federal de Santa Maria, Santa Maria, Brazil, October 8.
- 2003 “Interfaces of Discourse Analysis: Contrasts between the French and Anglo-Saxon Schools” – *nominee to Young Scientist Award (original title in Portuguese)*, *XV Salão de Iniciação Científica*, UFRGS, Porto Alegre, Brazil, October 29.

Invited Discussant

- 2023 “South as Method,” *American Anthropological Association Annual Meeting*, Toronto, Canada, December 7.
- 2023 “Whatever Happened to Communalism in Science and Technology?” *Social Studies of Science (4S) annual conference*, Honolulu, HI, November 21.
- 2019 “The Social Lives of Data,” *Society for Social Studies of Science Annual Meeting (4S)*, New Orleans, LA, September 4.
- 2017 “Fabricating Utopics: Hacking Imaginaries,” *American Anthropological Association Annual Meeting*, Washington DC, November 30.
- 2017 “Tinkering with Sociotechnical Worlds: “Hacking” as Narrative Practice of Change,” *Swiss Anthropological Association Annual Meeting*, Neuchâtel, Switzerland, November 11.

TEACHING AND MENTORSHIP

Undergraduate Courses

- 2023–present “Archaeology of Hacking”
- 2022–present “Commons: tangible, intangible and otherwise”
- 2021–present “How to do Things with Data”
- 2021–present “Global Cultural Worlds: Fundamentals of Sociocultural Anthropology”

Graduate Courses

- 2023–present “Commons: Graduate seminar” (Anthropology, University of Notre Dame)
- 2020–2021 “Big Data Ethics” (Online Master’s Program in Data Science, School of Data Science, University of Virginia)
- 2019–2020 “Big Data Ethics” (Master’s Program in Data Science, School of Data Science, University of Virginia)
- 2019 “Internationalization of the Social Sciences,” Interdisciplinary Social Sciences Master’s Program, École Normale Supérieure (ENS) & École des Hautes Études en Sciences Sociales (EHESS)
- 2019 “Introduction to Science and Technology Studies,” Master’s Program in Humanities and French Culture, École Polytechnique

Academic Advising

Postdoctoral researchers

2022–present Matías Milia (Anthropology, U. of Notre Dame), Post-doc (*Supervisor*)

Graduate students

2023–present Insha Bashir (Anthropology, U. of Notre Dame), Ph.D. student (*Chair*)
2023–present Lulama Moyo (Anthropology, U. of Notre Dame), Ph.D. student (*Co-Chair*)
2022–present Yun Xiu (Anthropology, U. of Notre Dame), Ph.D student (*Co-Chair*)
2024–present Joshua Weiss (Civil Engineering, U. of Notre Dame), Ph.D. student
2021–2024 Mirella Shaban (Environmental Science, UVA), Ph.D student
2022–2023 Ayşe Bursalı (Anthropology, U. of Notre Dame), Ph.D student
2019–2020 James H. Montgomery (School of Data Science, UVA), MS student

Undergraduate students

2024–present Xavier Reese (Computer Science, U. of Notre Dame), BSc student
2023–2024 Jessica Ashman (Global Studies, U. of Notre Dame), BA student
2023 Kate Kirwan (Environmental Studies, U. of Notre Dame), BSc student
2021–2023 Wesley Lewis (Computer Science and Mathematics, UVA), BSc student
2020–2021 Teagan Le (Computer Engineering, UVA), BSc student
2019–2020 Keerthi Radhakrishnan (Computer Engineering, UVA), BSc student

RESEARCH EXPERIENCE

- 2023–2025 Project: “Socio-Environmental Knowledge Commons (SEEKCommons)”
PI: Luis Felipe R. Murillo (ND); Co-PIs: Katherine Hoerberling (OEDP), Gerd Herber (HDF Group), Don Brower (ND)
Funded by: National Science Foundation (award #2226425)
Project conception and coordination, research on “open technology” development for collaborative socio-environmental projects, postdoc and graduate student advising, design and implementation of research workshops and research network building
- 2023 Project: “Open Climate Fellowship”
Co-PIs: Shannon Dosemagen (OEDP), Emilio Velis (Appropedia), Michelle Thorne (Green Web Foundation), Evelin Heidel (Wikipedia Uruguay), Alex Stinson (Wikimedia Foundation)
Funded by: Wikimedia Foundation
Research support and mentorship for the fellowship program
- 2021–2025 Project: “Understanding the Changing Natural-Built Landscape in an Arctic Community: An Integrated Sensor Network in Utqiagvik, Alaska”
PI: Howard Epstein (Environmental Sciences, UVA)
Co-PIs: Luis Felipe R. Murillo (ND), Matthew Jull (School of Architecture, UVA), Leena Cho (School of Architecture, UVA), Caitlin Wylie (STS, UVA)
Funded by: National Science Foundation (award #2022639)

Data management, research software and hardware design and implementation, sensor network deployment, student advising, research on knowledge co-production with Alaskan communities

- 2019–2021 Project: “Networked Public Spaces”
Co-PIs: Luis Felipe R. Murillo (School of Data Science, UVA), Mona El Khafif (School of Architecture, UVA) and Andrew Mondschein (School of Architecture, UVA)
Funded by: UVA Strategic Investment Fund
Open Hardware development, sensor network deployment, community science research
- 2017–2019 Project: “Open Hardware as Experimental Innovation,” European Organization for Nuclear Research (CERN), Geneva, Switzerland
PI: Luis Felipe R. Murillo (Laboratoire Interdisciplinaire de Sociologie Économique, CNRS)
Funded by: Institut Francilien Recherche Innovation Société
Interviews, survey, code repository analysis, ethnographic field research
- 2013–2015 Project: “Transnationality, Morality, and Politics of Computing Expertise”
PI: Luis Felipe R. Murillo (Department of Anthropology, UCLA)
Funded by: University of California Pacific Rim Program, UCLA Latin American Institute, UCLA Terasaki Center for Japanese Studies
Life-history interviews, ethnographic field research
- 2010–2012 Project: “Women and Minority Astronomers Strategic Engagement with Distributed, Multi-Disciplinary Collaborations and Large-Scale Databases”
PI: Sharon Traweek (Department of Gender Studies, UCLA)
Funded by: National Science Foundation (award #0956589)
Ethnographic field research, life-history interviewing, social network visualization, data management
- 2010–2012 Project: “Public Engagement in Networked Virtual Organizations and its Effects on Discovery and Innovation”
PI: Christopher Kelty (Center for Society and Genetics, UCLA)
Funded by: National Science Foundation (award #1025569)
Ethnographic field research, interviewing, data analysis
- 2007–2009 Project: “Politics, Culture and Technology in the Brazilian Free and Open Source Software Community”
PI: Luis Felipe R. Murillo (Department of Anthropology, UFRGS)
Funded by: Coordination for the Improvement of Higher Education Personnel (CAPES)
Ethnographic field research, interviewing, data analysis, social network visualization
- 2006 Project: “Cultural Diversity, Social Inequality, and the Pursuit of Health in Brazil and the United States,” Department of Anthropology, University of California, San Diego
PIs: Thomas Csordas (UCSD), Carlos A. Steil (UFRGS), and Ceres Victora (UFRGS)
Funded by: Fund for the Improvement of Postsecondary Education/ Coordination for the Improvement of Higher Education Personnel (FIPSE-CAPES)
Literature review, book translation project (Portuguese – English)

- 2005 Project: “Anthropological Study of Quilombola Communities in the State of Rio Grande do Sul”
 PI: José Carlos Gomes dos Anjos (Department of Sociology, UFRGS)
 Funded by: Social Sciences and Philosophy Institute, UFRGS
Ethnographic field research, interviewing, social network analysis
- 2003–2005 Project: “Interfaces of Discourse Analysis with the Social Sciences”
 PI: Maria Cristina L. Ferreira (Department of Literature and Linguistics, UFRGS)
 Funded by: Literature and Linguistics Institute (ILEA), UFRGS
Literature review, discourse analysis, conference organization, web development

OTHER PROFESSIONAL WORK EXPERIENCES

- 2015 Rensselaer Polytechnic Institute
*Technical Consultant, “Platform for Experimental and Collaborative Ethnography,”
 Research Data Alliance (RDA)*
- 2001 Maredi Printing Company
Computer Technician

SERVICE

Professional Service

Peer-review for scholarly journals

- *Cultural Anthropology*
- *Anthropological Quarterly*
- *Engaging Science Technology and Society*
- *Tapuya: Latin American Science and Technology*
- *Big Data and Society*
- *Horizontes Antropológicos*
- *Journal of Peer Production*
- *Science, Technology and Human Values*
- *British Journal for the History of Science*
- *Annals of Anthropological Practice*

Peer-review for book manuscripts

- *Oxford University Press*
- *University College London Press*

Reviewer for academic conferences

- *Association of Internet Researchers (IoIR)*
- *Workshop Free Software (WSL)*

Editorial Work

- 2020–2023 Section Editor, *Journal of Open Hardware*
 2017–2020 Editor and Founder, *Journal of Open Hardware*

2013–2014 Editorial Assistant, Committee on the Anthropology of Science, Technology and Computing (CASTAC)
2012 Editorial Assistant, *HAU Journal of Ethnographic Theory*

University Service

2023–present Anthropology dept., Speakers Committee, U. of Notre Dame
2021 Data Ethics Curriculum Subcommittee, School of Data Science, University of Virginia
2021 Ethics Instruction Faculty Group, School of Arts and Sciences, University of Virginia

Community Service

2020–2023 Open Climate Collective volunteer member
2020–2022 Software Developer, Anti-Eviction Mapping Project
2019–2021 Advisory Board Member, Charlottesville Center for Civic Innovation
2019–2021 Advisory Board Member, European Commission on the Impact of Open Source Software and Hardware for Europe
2015–2016 Working Group Member, “Digital Practices in History and Ethnography,” Research Data Alliance
2013–2015 Advisory Board Member, The Ada Initiative (TAI)
2012–2014 Organizing Committee Member, International Free Software Forum (FISL)
2007–2010 Organizing Committee Member, International Free Software Forum (FISL)
2001–2003 Collective Member, Independent Media Center (IMC), Porto Alegre

LANGUAGES

Portuguese
[native speaker]

English
[fluent reading, writing, speaking: TOEFL 106/120]

French
[proficient reading, intermediary writing, intermediary speaking]

Spanish
[proficient reading, intermediary writing, intermediary speaking]

TECHNICAL PROFICIENCY

Pascal, C, C++ and Python programming
GNU/Linux system administration
Software project management (Agile methodologies, Kanban, Git)
Embedded systems design and development (AVR, ARM, Arduino, RIoT-OS, KiCad)
Database administration (PostgreSQL, InfluxDB, Grafana)
Data science tools (Jupyter, Pandas, HDF5)
Video streaming and editing (Gstreamer, Icecast, Kdenlive, Final Cut Pro)

PROFESSIONAL ASSOCIATIONS

American Anthropological Association (AAA)
Brazilian Association of Anthropology (ABA)
Society for Social Studies of Science (4S)
Latin American Studies Association (LASA)