

Ryan Nehring

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Education

2020	PhD	Development Sociology	Cornell University
2016	MS	Development Sociology	Cornell University
2011	MA	International Development Studies	Saint Mary's University, Canada
2008	BA	Languages and International Studies	The College of Saint Scholastica

Research appointments

2022-present	<u>International Food Policy Research Institute (IFPRI), Washington D.C.</u> <i>Associate Research Fellow</i> <ul style="list-style-type: none">Natural Resources and Resilience Unit
2021-2022	<u>University of Cambridge, Cambridge, UK</u> <i>Postdoctoral Research Associate – Department of History and Philosophy of Science</i> <ul style="list-style-type: none">Research Fellow: Clare Hall
2014-2019	<u>Cornell University, Ithaca, NY</u> <i>Research Assistant for Dr. Wendy Wolford – Development Sociology</i> <ul style="list-style-type: none">NSF project title: “Rediscovering Africa: Brazilian Experts and Expertise in Mozambique”
2012-2013	<u>Cornell University, Ithaca, NY</u> <i>Research Associate: Department of Development Sociology</i>
2011-2012	<u>United Nations Development Programme (UNDP) – IPC-IG, Brasilia, Brazil</u> <i>Researcher: Rural and Sustainable Development</i>

Consultancies

2021	<u>Cambridge Zero/UK Government (based in Cambridge, UK)</u> <i>Author of Brazil country report for “Visions of a Net Zero Future”, the UK government official submission for the COP26 UN Conference on Climate Change</i>
2022	<u>Food and Agricultural Organization of the United Nations (FAO) (home-based)</u> <i>Researcher for Guidance Note on the contribution of social protection to sustaining peace</i>
2018	<i>UNDP coordinator to develop FAO e-learning course “Rural Poverty Reduction”</i>
2016	<i>Author of concept note on the design of national food procurement programs</i>
2014	<i>Lead author of background paper for: State of Food and Agriculture 2015</i>
2013	<u>World Food Programme (WFP) (based in Brasília)</u> <i>Researcher on the evaluation of local food procurement policies in Brazil</i>
2013	<u>International Food Policy Research Institute (IFPRI) (based in Brasília)</u> <i>Researcher on the political economy of Brazil's family farming policies</i>

Peer-reviewed articles

- 2023 Teodoro, Marina, Vitor S. Duarte, Maria G.S. Barbalho, Mariana R.M. Costa, **Ryan Nehring**, Sandro Dutra e Silva, Giovanni A. Boggione and Hamilton B. Napolitano. "Environmental Assessment of Pesticide Use in the Cerrado Region of Brazil" *Ambiente e Sociedade*
- 2022 Brito Rocha, Cassiano, **Ryan Nehring** and Sandro Dutra e Silva. "Soy without Borders: The Transnational Dynamics of Commodity Frontiers in South America (1971-2019)," *Global Environment* 15(3): 423-455.
- 2022 **Nehring, Ryan**. "Digitizing Biopiracy? Challenges for the Global Governance of Genetic Resources for Food and Agriculture in the Age of Digital Sequencing Information (DSI)," *Third World Quarterly* 43(8): 1970-1987.
- 2022 Santos Lucas, Leidiane, Aurelio Rubio Neto, Jadson Belem de Moura, Rodrigo Fernandes de Souza, Maria Eduarda Fernandes Santos, Lorena Fernandes de Moura, Elitania Gomes Xavier, José Mateus dos Santos, **Ryan Nehring** and Sandro Dutra e Silva. "Mycorrhizal Fungi Arbuscular in Forage Grasses Cultivated in Cerrado Soil," *Scientific Reports* 22(3103).
- 2022 **Nehring, Ryan**. "The Brazilian Green Revolution," *Political Geography* 95.
- 2021 Ofstehage, Andrew and **Ryan Nehring**. "No-Till Agriculture and the Deception of Sustainability in Brazil," *International Journal of Agricultural Sustainability* 19(3-4): 335-348.
- 2020 Brito Lourenço, L.C. de, Maria Theresa M. Pedroso and **Ryan Nehring**. "Formação Institucional da Inovação Agrícola dos EUA [Institutional Development of Agricultural Innovation in the United States]," *Revista Política Agrícola*, 29(2): 62-76.
- 2017 **Nehring, Ryan**, Ana Miranda and Andrew Howe. "A Case for Institutional Demand: Supporting Smallholders through Food Procurement and Assistance Programs," *Global Food Security* 12: 96-102.
- 2016 **Nehring, Ryan**. "Yield of Dreams: Marching West and the Politics of Scientific Knowledge at the Brazilian Agricultural Research Corporation (Embrapa)," *Geoforum* 77: 206-217.
- 2015 Wolford, Wendy and **Ryan Nehring**. "Constructing Parallels: Brazilian Experts, Expertise and the Commodification of Land, Labor and Capital in Mozambique," *Canadian Journal of Development Studies* 36(2): 208-223.
- Reprinted in: *Global Latin America* (edited by Matthew Gutmann and Jeffrey Lesser) Berkeley: University of California Press. 2016.
- 2014 McKay, Ben, **Ryan Nehring** and Marygold Walsh-Dilley*. "The 'State' of Food Sovereignty in Latin America: Political Projects and Alternative Pathways in Venezuela, Ecuador and Bolivia," *Journal of Peasant Studies* 41(6): 1175-1200.
- Reprinted in Spanish: *Cuestión Agrária Vol. 2*, La Paz, Bolivia: Fundación Tierra. 2015.

Book chapters

- 2021 **Nehring, Ryan**. "Strategic Linkages between STS and Critical Agrarian Studies" in Akram-Lodhi, H., K. Dietz, B. Engels and B. McKay (eds.) *The Handbook of Critical Agrarian Studies*, Cheltenham, UK: Edward Elgar Publishing.
- 2017 **Nehring, Ryan** and Mariana Hoffmann. "Exporting Zero Hunger: PAA Africa and the Possibilities of Food Sovereignty with South-South Cooperation" in Desmarais, A., P. Claeys and A. Trauger (eds.) *Food Sovereignty and the State: Social Movements, Public Policies and Alternatives*, London: Routledge.

* Authors listed in alphabetical order

- 2013 Wolford, Wendy and **Ryan Nehring**. “Moral Economies of Food Security and Protest in Latin America” in Barrett, Chris (ed.) *Food Security and Sociopolitical Stability*, New York: Oxford University Press.

Work under review

Ryan Nehring. “The Technopolitics of Agronomic Knowledge and Tropical Vegetables in Brazil” under review for a volume (MIT Press) on “Agro-food Policies as Science and Technology Politics since 1850” (edited by Stathis Arapostathis and Sabine Clarke).

Ryan Nehring. “Farming Cattle in the Tropics: Transnational Science and Industrializing Pastures in Brazil” under review at *Plants People Planet*

Working papers

- 2021 **Nehring, Ryan**, Roberto Luís de Melo Monte-Mór, Jakob Sparn, Olinda Canhaoto, Carlos Victor Lamarão and Emily Shuckburgh. “Visions of a Net Zero Future: Brazil Country Report” expert evidence report on Visions of a Net Zero Future for COP26 United Nations Climate Change Conference, available online at: <https://www.cambridge.org/engage/coe/article-details/6177aa6d0f3eeb25777122ef>.
- 2019 **Nehring, Ryan** and Ana Paula de la O Campos (editors). “Rural Poverty Reduction in the 21st Century”, *Policy in Focus No. 44*, Brasilia, Brazil: UNDP-IPC, available online at: <https://ipcig.org/policy-focus-44-rural-poverty-reduction-21st-century>.
- 2018 Pedroso, M.T.M. and **Ryan Nehring**. “Instituições e Inovação Tecnológica Agropecuária nos Estados Unidos: Evolução e Processos de Transformação” Paper prepared for the 56th Annual Meeting of the Sociedade Brasileira de Economia, Administração e Sociologia Rural, UNICAMP, Campinas, Brazil.
- 2017 Howe, Andrew and **Ryan Nehring**. “Policy Guidance: Designing and Implementing Public Food Procurement Schemes” *Policy Guidance Note No. 10*, Rome: FAO.
- 2014 **Nehring, Ryan**, Ana Miranda & Andrew Howe. “Food Assistance and Institutional Demand: Supporting Smallholder Farmers to Fight Hunger and Boost Agricultural Production”, Background paper for *The State of Food and Agriculture: Social Protection for Agriculture*, FAO: Rome.
- 2014 McKay, Ben and **Ryan Nehring**. “Sustainable Agriculture: an Assessment of Brazil’s Family Farm Programmes in Scaling-up Agroecology-Based Production”, UNDP-IPC *Working Paper No. 123*, available online at: <http://www.ipc-undp.org/pub/IPCWorkingPaper123.pdf>.
- 2013 Soares, Fabio Veras, **Ryan Nehring**, Rovane Battaglin Schwengber, Clarissa Guimarães Rodrigues, Guilherme Lambais, Daniel Silva Balaban, Cynthia Jones and Andrea Galante. “Structured Demand and Improving Smallholder Livelihoods in Brazil: Rationale and Analysis of the Food Acquisition Programme (PAA) and the National School Feeding Programme (PNAE)”, report prepared for the Gates Foundation and World Food Programme, Brasilia, available online at: <http://www.ipc-undp.org/pub/IPCTechnicalPaper7.pdf> (also translated into Portuguese, Spanish and French).
- 2013 **Nehring, Ryan** and Ben McKay. “Scaling-up Local Development Initiatives: Brazil’s Food Acquisition Programme”, *Working Paper No. 106*, March, 2013, UNDP – International Policy Centre for Inclusive Growth, Brasilia, available online at: <http://www.ipc-undp.org/pub/IPCWorkingPaper106.pdf> (also translated into Spanish, Portuguese, French and Chinese).

- 2012 **Nehring, Ryan.** “Social Protection in Ecuador: A New Vision for Inclusive Growth?” *Policy Research Brief No. 28*, August, 2012, UNDP – International Policy Centre for Inclusive Growth, Brasilia.
- 2012 **Nehring, Ryan.** “Linking Social Protection and Agricultural Production: The Case of Mexico” *Policy Research Brief No. 21*, July, 2012, UNDP – International Policy Centre for Inclusive Growth, Brasilia. (also translated into Spanish and Portuguese).
- 2012 **Nehring, Ryan.** “Politics and Policies of Food Sovereignty in Ecuador: New Directions or Broken Promises?” *Policy Research Brief No. 31*, October, 2012, UNDP – International Policy Centre for Inclusive Growth, Brasilia. (also translated into Spanish).

Other publications

- 2013 Célia Vendramini and **Ryan Nehring.** “Education among the Landless Workers,” *CUSLAR Newsletter* 39(1): 5.
- 2012 Radhika Lal, **Ryan L. Nehring** and Ben McKay. “Public Policies for Inclusive and Sustainable Agriculture: An Emerging Agenda for South-South Cooperation?” *Poverty in Focus No. 24*, June, 2012, UNDP – International Policy Centre for Inclusive Growth, Brasilia, Brazil
- 2012 Ben McKay and **Ryan Nehring.** “Rio+20: Prospects for the Future We Want,” *Revista Humanum*, August 1st, 2012, Dirección Regional para América Latina y el Caribe Programa de las Naciones Unidas para el Desarrollo.

Awards and grants

- 2019 Einaudi International Travel Grant (US\$1,000 – Cornell University)
- 2016 Social Science Research Council – International Dissertation Research Fellowship (US\$15,900 – **External**)
- 2016 Borlaug Fellowship for Global Food Security (US\$20,000 – **External**)
- 2016 Latin American Studies Program (LASP) Fellow (Cornell University)
- 2015 Einaudi International Travel Grant (US\$1,600 – Cornell University)
- 2014 Polson Institute for Global Development Research Grant (US\$2,000 – Cornell University)
- 2014 Einaudi International Travel Grant (US\$1,200 – Cornell University)
- 2011 Graduate Studies and Research Fellowship (CAD\$6,000 – St. Mary’s University)
- 2011 International Mobility Award (CAD\$1,200 – St. Mary’s University)
- 2010 Graduate Studies and Research Fellowship (CAD\$6,000 – St. Mary’s University)

Invited presentations

- 2022 “Agricultural Research as a Public Company: The Politics of Democratizing Brazil’s Embrapa” Research workshop on “Epics of Agricultural Science and Technology: Celebrated and Forgotten Histories”, Institute of Development Studies (IDS), Brighton, UK, September 14th and 15th.

- 2022 “Leveraging Agricultural Research for Food Systems Transformation and Inclusive Development” International Food Policy Research Institute (IFPRI), August 2nd.
- 2022 “Science, Agriculture and Development in Latin America” with Sandro Dutra e Silva, American History, Culture and Society, Faculty of Languages and Literatures, Ludwig-Maximilians Universität München, June 15th.
- 2022 “The Brazilian Green Revolution” Workshop on “Cooperation for Agricultural Development in the Global South: Multiple Pathways towards Justice and Sustainability?” FLAME University, Pune, India, March 9th.
- 2022 “Climate Adaptation in Brazil: Recommendations from the COP26 Futures We Want Report” Climate Adaptation in the Global South Group – Cambridge Zero, February 24th.
- 2021 “Brazil’s Green Revolution and Democratizing Public Agricultural Research” Workshop on Silenced Alternatives, Invisible Pathways: Sustainable Agri-food Systems of the Cerrado, December 10th, 14th and 16th.
- 2021 “Technoscience in the Tropics: Public Agricultural Research and Environmental Imaginaries in Brazil” History of Medicine and Modern Biology Seminar Series, Department of History and Philosophy of Science, University of Cambridge, November 16th.
- 2021 “Ciência, Tecnologia e Agriculturas” Fundamentos Interdisciplinares em Ciência, Tecnologia e Agriculturas, Programa de Pós-Graduação em Meio Ambiente e Desenvolvimento Rural – PPG-MADER, Universidade de Brasília, September 21st.
- 2021 “The Brazilian Model to Feed the World” Coffee Break Seminar, Cambridge Global Food Security, May 28th.
- 2020 “Techno-tropicalismo: Public Agricultural Research and the Brazilian Green Revolution” História Ambiental do Cerrado [Environmental History of the Cerrado] Seminar, November 10th.
- 2018 “A Revolução Verde Brasileira” (The Brazilian Green Revolution). Interlocação entre grupos de pesquisa CAPPH e NUPHITT (Núcleo de Pesquisa em História, Território e Tecnologia) – State University of Campinas (Unicamp), Campinas, Brazil, March.
- 2016 “Yield of Dreams: Marching West and the Politics of Scientific Knowledge at the Brazilian Agricultural Research Corporation (Embrapa),” Latin American Studies Program 1st Annual Conference – Cornell University, Ithaca, February.
- 2015 “CCTs in Latin America: Origins, Trends and Challenges,” Roundtable Discussion on Conditional Cash Transfers for Cornell Latin American Student Society (CLASS), Ithaca, April.
- 2014 “Food Assistance and Institutional Demand: Supporting Smallholder Farmers to Fight Hunger and Boost Agricultural Production,” Presentation for the State of Food and Agricultural (SOFA) Committee at the Food and Agricultural Organization of the United Nations (FAO), Rome, Italy, July.
- 2013 “Brazil’s Food Acquisition Programme (PAA) for Dummies,” Friday Seminar Series, UNDP-IPC, Brasilia, July.

Workshops organized and panels chaired

- 2018 “Remaking and Revisiting the Green Revolution in the Global South” (Paper panel with Divya Sharma), American Association of Geographers Annual Meeting, New Orleans, April.
- 2018 “Consultative Learning Needs Assessment Workshop to Develop a Series of e-Learning Courses on Rural Poverty Reduction” (with Fabio Veras Soares), Partnership between ITC-ILO, FAO and UNDP-IPC, Turin, Italy, February.
- 2016 “Agrarian Transitions in Latin America” (Chair), Sociology of Development Conference, Cornell University, Ithaca, October.

- 2016 “Cornell-IDS/Sussex Graduate Student Symposium”, Organized as part of ongoing collaboration with the University of Sussex, UK, Ithaca, October.
- 2016 “Diálogo Agricultura e Sociedade: Instrumento de cidadania e boa governança – As novas demandas e a capacidade de resposta da cadeia de valor (Dialogue on Agriculture and Society: An Instrument of Citizenship and Good Governance – New Demands and the Responsiveness of Value Chains),” (moderator), Roundtable on the role of Brazil in the future of global agriculture, Columbia University, May.

Conference activity

- 2022 “Farming Cattle in the Tropics: Transnational Science and Industrializing Pastures in Brazil” Agricultural History Annual Meeting, Stavanger, Norway, August 4th-6th.
- 2022 “Domestic Science, American Philanthropy and Gendered Rural Extension in Minas Gerais, Brazil (1948-1961)” European Society for Environmental History Conference, Bristol, UK, July 3rd-6th.
- 2021 “Techno-tropicalismo: The Politics of Agronomic Knowledge and Vegetable Production in Brazil” Agri-food Policies as Science and Technology Politics since 1850: Knowledge, Environment, Society, virtual, September 24th-26th.
- 2021 “Digitizing Agro-diversity: Challenges for the Global Governance of Genetic Resources for Food and Agriculture in the 21st Century” Sociology of Development Virtual Conference – DEVSOCLINK, June 24th.
- 2019 “Tropicalization and the Politics of Knowledge Production in Brazil” at the Sociology of Development Annual Conference, University of Notre Dame, South Bend, October. 18th.
- 2019 “Tropicalization and the Politics of Knowledge Production at the Brazilian Agricultural Research Corporation” at Latin American Studies Association (LASA) Annual Congress, Boston, May.
- 2018 “Making ‘the Company’: Cultural Politics and the Crisis of Brazil’s Embrapa” at the 7th Annual Sociology of Development Conference “Obstacles to Development”, University of Illinois – Urbana-Champaign, Urbana, October.
- 2018 “Making ‘the Company’: Cultural Politics and the Crisis of Brazil’s Embrapa” at Society for the Social Studies of Science (4S) Annual Meeting, Sydney, Australia, August.
- 2018 “The Brazilian Green Revolution” at American Association of Geographers (AAG) Annual Meeting, New Orleans, April.
- 2016 “Exporting Zero Hunger: PAA Africa and the Possibilities of Food Sovereignty with South-South Cooperation,” at XIV World Congress of Rural Sociology, Ryerson University, Toronto, August.
- 2016 “Contested Agronomy in the Brazilian Agricultural Research Corporation (Embrapa)” at Contested Agronomy: Whose Agronomy Counts?” Institute for Development Studies – University of Sussex, Brighton, U.K., February.
- 2016 “Politicizing Agricultural Science and Technology: The Alliance of the State, Capital and Science in the Brazilian Agricultural Research Corporation (Embrapa),” at Global Governance/Politics: Climate Justice & Agrarian/social Justice: Linkages and Challenges, International Institute of Social Studies, The Hague, Netherlands, February.
- 2015 “Closing the Yield Gap: The Politics of Agrarian Extractivist Technologies in Brazil,” at Latin American Studies Association (LASA) Annual Congress, San Juan, Puerto Rico, May.
- 2015 “Yields of Dreams: Marching West and the Politics of Scientific Knowledge in the Brazilian Agricultural Research Corporation (Embrapa),” at Sociology of Development Conference, Brown University, Providence, March.
- 2014 “Yields of Dreams: State Building and the Politics of Scientific Knowledge in the Brazilian Agricultural Research Corporation (Embrapa),” at Latin American Studies Association (LASA) Annual Congress, Chicago, May.

- 2013 “The ‘State’ of Food Sovereignty in Latin America: Political Projects and Alternative Pathways in Venezuela, Ecuador and Bolivia,” with Ben McKay at Food Sovereignty: A Critical Dialogue, Yale University, New Haven, September.
- 2013 “O Brasil Gigante: Reproducing the Brazilian Miracle in Sub Saharan Africa” at “Is there a New Development?” University of California – Berkeley, April.

Professional service

- 2021 - 2022 Academic Staff, Cambridge Global Food Security
- 2017 - 2018 Graduate Student Representative, Sociology of Development Section of the American Sociological Association
- 2017 - 2018 Research Fellow, UNDP – International Policy Centre for Inclusive Growth, Brasilia, Brazil
- 2015 - 2018 Advisory board member for the Committee on U.S.-Latin American Relations (CUSLAR)
- 2012 UNDP Official Delegation, Rio+20 United Nations Conference on Sustainable Development, Rio de Janeiro, June.
- 2012 UNDP Representative, “The Fifth Ministerial Forum on Development”, Brasilia, May.
- 2012 UNDP Representative, “The Role of South-South Cooperation in Agricultural Development in Africa: Opportunities and Challenges”, Brasilia, May.

Reviewer for:

Latin American and Caribbean Ethnic Studies
African Journal of Agricultural Research
Global Food Security
Third World Thematics (x2)
Agronomy for Sustainable Development
Environment, Development and Sustainability
Journal of Peasant Studies (x2)
Journal of Latin American Geography
Canadian Journal of Development Studies
Geoforum (x2)

Historia Ambiental Latinoamericana y Caribeña (x2)
Renewable Agriculture and Food Systems
Diálogos Latinoamericanos
Journal of Latin American Studies
IDS Bulletin
Agriculture and Human Values
Journal of Social Ontology
Tapuya: Latin American Science, Technology and Society

Teaching and supervision experience

- 2021-2022 Part III and MPhil Research Working Group Leader: History of Modern Life Sciences (University of Cambridge)
- 2021-2022 Assessor for Part III/MPhil essays and dissertations (9) (University of Cambridge)
- 2022 Supervisor for: HPS Part II Paper 3, History of Biology: Lab and Field (University of Cambridge)
- 2021 Supervisor for: HPS Part II Primary Source Seminar, Science for the People (University of Cambridge)
- 2021 Supervisor for: HPS Part II Paper 3, History of Biology: Lab and Field (University of Cambridge)
- 2020 Instructor of record: DSOC 1200 – How do we feed the world? (Cornell University - fall semester)

2020	Teaching Assistant: DSOC 3240 – Environmental Sociology (Cornell University - spring semester)
2019	Instructor of record: DSOC 1200 – How do we feed the world? (Cornell University - fall semester)
2019	Cornell University’s Knight Writing Institute Summer Writing Tutor
2016	Teaching Assistant: DSOC 3010 – Theories of Society and Development (Cornell University - fall semester)
2013-2014	Teaching Assistant: DSOC 1101 – Introduction to Sociology (Cornell University - fall and spring semesters)

Languages

Native: English

Fluent: Brazilian Portuguese (written and spoken)

Professional Proficiency: Spanish (written and spoken)

Research software and methods

Qualitative

- ATLAS.ti
- NVivo

Quantitative

- SPSS

Spatial

- QGIS