

Curriculum Vitæ

Personal Information

Name Sandro Steinbach
Address North Dakota State University
Department of Agribusiness and Applied Economics
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Professional Experience

11/2022 – present North Dakota State University
Department of Agribusiness and Applied Economics
Associate Professor (tenured)
Director of the Center for Agricultural Policy and Trade Studies
Challey Institute Scholar

08/2018 – 11/2022 University of Connecticut
Department of Agricultural and Resource Economics
Assistant Professor (tenure track)

05/2018 – 08/2018 ETH Zurich
Department of Management, Technology and Economics
Postdoctoral Fellow with Prof. Dr. Massimo Filippini

05/2018 Dr. sc. ETH Zurich (Economics)
ETH Zurich
Dissertation: “Three Essays in Environmental and Health Economics,” supervised by Prof. Dr. Massimo Filippini

Publications Nineteen peer-reviewed papers (fourteen times lead) and three NBER Working Papers

Teaching Taught business finance, managerial economics, international trade and policy, and statistics at the undergraduate and graduate levels

Leadership Director of the Center for Agricultural Policy and Trade Studies, North Dakota State University
Principal Investigator, leading a research group with two postdoctoral scholars and seven doctoral students

Funding Received nine extramural research grants as Principal Investigator since 08/2018
Total amount: USD 3.5 million (additional USD 8.2 million as Co-Principal Investigator)

Professional Affiliations

10/2020 – present United States Department of Agriculture, Economic Research Service, Visiting Scholar and Consultant

06/2019 – present Yale University, School of Forestry and Environmental Studies, Research Affiliate

08/2018 – present ETH Zurich, Centre for Energy Policy and Economics, Research Affiliate

01/2016 – 08/2019 Kalaidos University of Applied Sciences Switzerland, Research and Development Department, Research Associate

University Education

10/2013–05/2018	Dr. sc. ETH Zurich, Swiss Federal Institute of Technology, Switzerland
09/2012–01/2014	M.S. Agricultural and Resource Economics, University of California, Davis, CA
01/2011–09/2012	M.Sc. Agricultural Economics, Humboldt-Universität zu Berlin, Germany
04/2007–01/2011	B.Sc. Horticultural Sciences, Humboldt-Universität zu Berlin, Germany
10/2006–11/2010	B.Sc. Agricultural Sciences, Humboldt-Universität zu Berlin, Germany
Study Abroad	ETH Zurich (2007), BOKU Vienna (2008), ISI Kolkata (2008), UH Havana (2011), UT Toronto (2012), HSE Moscow (2012), and UC Berkeley (2013)

Refereed Publications

† indicates the lead author and ‡ a graduate student or postdoctoral scholar.

05/2023	Sandro Steinbach [†] and Xiting Zhuang [‡] . “Retaliatory Tariffs and Container Shipping Disruptions Cause Considerable Trade Damages to California’s Almond Industry,” <i>Choices</i> , accepted. ↗
05/2023	Qianxia Jiang ^{†,‡} , Debarchana Ghosh, Sandro Steinbach and Kristen Cooksey Stowers. “An Empirical Assessment of Racial and Ethnic Inequities in Food Environment Exposure and Retail Market Concentration,” <i>Public Health Nutrition</i> , accepted. ↗
05/2023	Colin. A Carter, Sandro Steinbach [†] and Xiting Zhuang [‡] . “Supply Chain Disruptions and Containerized Agricultural Exports from California Ports,” <i>Applied Economic Perspectives and Policy</i> , 45(2): 1051–1071. ↗
05/2023	Soojung Ahn [‡] and Sandro Steinbach [†] . “The Impact of COVID-19 Trade Measures on Agricultural and Food Trade,” <i>Applied Economic Perspectives and Policy</i> , 45(2): 911–927. ↗
03/2023	Sandro Steinbach [†] and Xiting Zhuang [‡] . “The Impact of Maritime Shipping Disruptions on U.S. Tree Nut Exports and Inventories,” <i>Agribusiness</i> , first published online. ↗
03/2023	Sandro Steinbach [†] . “The Russia-Ukraine War and Global Trade Reallocations,” <i>Economics Letters</i> , 226: 111075. ↗
03/2023	Soojung Ahn ^{†,‡} and Sandro Steinbach . “Agri-Food Trade Resilience among Food-Deficit Countries during the COVID-19 Pandemic,” <i>International Food and Agribusiness Management Review</i> , first published online. ↗
01/2023	Soojung Ahn [‡] , Dongin Kim [‡] and Sandro Steinbach [†] . “The Impact of the Russian Invasion of Ukraine on Grain and Oilseed Trade,” <i>Agribusiness</i> , 39: 291–299. ↗
12/2022	Heidi Schweizer, Sandro Steinbach [†] and Xiting Zhuang [‡] . “A Portrait of Firms that Trade in Meat Products,” <i>Western Economics Forum</i> , 20(2): 6–18. ↗
06/2022	Coman Emil [†] , Sandro Steinbach and Gufeng Cao. “Spatial Perspectives in Family Health Research,” <i>Family Practice</i> , 39(3): 556–562. ↗
04/2022	Sandro Steinbach [†] . “Port Congestion, Container Shortages, and U.S. Foreign Trade,” <i>Economics Letters</i> , 213: 110392. ↗
07/2021	Soojung Ahn [‡] and Sandro Steinbach [†] . “COVID-19 Trade Actions in the Agricultural and Food Sector,” <i>Journal of Food Distribution Research</i> , 52(2): 51–75. ↗
04/2020	Urs Schaffner [†] , Sandro Steinbach [†] , Yan Sun, Carsten A. Skjøth, Letty A. de Weger, Suzanne T. Lommen, Benno A. Augustinus, Maira Bonini, Gerhard Karrer, Branko Šikoparija, Michel Thibaudon and Heinz Müller-Schärer. “Biological Weed Control to Relieve Millions of Allergy Sufferers in Europe,” <i>Nature Communications</i> , 11: 1745. ↗

- 04/2019 Massimo Filippini, Giuliano Masiero and **Sandro Steinbach**[†]. “The Impact of Ambient Air Pollution on Hospital Admissions,” *European Journal of Health Economics*, 20: 919–931. ↗
- 09/2018 Heng Zhu, Anubhab Gupta[†], Binoy Majumder and **Sandro Steinbach**. “Short-Term Effects of India’s Demonetization of The Rural Poor,” *Economics Letters*, 170: 117–121. ↗
- 05/2017 Dana Zingg[†], **Sandro Steinbach**, Christian Kuhlgatz, Matthias Rediger, Gertraud Schüpbach-Regula, Matteo Aepli, Gry M. Grøneng and Salome Dürr. “Epidemiological and Economic Evaluation of Alternative On-Farm Management Scenarios for Ovine Footrot in Switzerland,” *Frontiers in Veterinary Science*, 4: 70. ↗
- 04/2014 Meilin Ma, **Sandro Steinbach**[†] and Junqian Wu. “A Study on Regional Specialization of China’s Agricultural Production: Recent Trends and Drivers,” *Asian Journal of Agriculture and Rural Development*, 4(2): 113–127. ↗
- 12/2012 **Sandro Steinbach**[†]. “Soviet Heritage and Post-Soviet Economic Integration: Ukrainian Export Trade Patterns Reviewed,” *Journal of Eurasian Studies*, 4(4): 96–113. ↗
- 07/2012 Mariusz Rybak and **Sandro Steinbach**[†]. “Soviet Heritage and Export Trade: Cross-Country Evidence from Georgia, Russia and Ukraine,” *Revue des Sciences Politiques* 33/34: 130–142. ↗

Books and Book Chapters

- 07/2022 **Sandro Steinbach**[†]. “Exchange Rate Volatility and Global Food Supply Chains,” Chapter in *Risks in Agricultural Supply Chains*, Editors: Pol Antrás and David Zilberman, University of Chicago Press. ↗
- 06/2022 Connor Nolan[‡] and **Sandro Steinbach**[†]. “Hungry for Antitrust Enforcement: Retail Discounters and Food Deserts in America,” Chapter in *Reforming America’s Food Retail Markets*, Editor: Austin Frerick, Yale University. ↗
- 06/2022 Qianxia Jiang[‡], **Sandro Steinbach**[†] and Kristen Cooksey Stowers. “An Empirical Assessment of Racial and Ethnic Inequities in Food Swamp Exposure and Food Retail Market Concentration,” Chapter in *Reforming America’s Food Retail Markets*, Editor: Austin Frerick, Yale University. ↗
- 02/2015 Mariusz Rybak and **Sandro Steinbach**[†]. “The Impact of the Soviet Legacy on Agri-Food Trade in the Former Soviet Union,” Chapter in *Agricultural Transition in Post-Soviet Europe and Central Asia after 25 Years*, Editors: Ayal Kimhi and Zvi Lerman, IAMO. ↗

Policy and Outreach Publications

- 04/2023 **Sandro Steinbach**[†] and Xiting Zhuang[‡]. “Down the River: How the 2022 Mississippi River Drought Damaged Southern U.S. Agricultural Trade,” *Southern Ag Today*, 3 (18.4). ↗
- 10/2022 Colin A. Carter and **Sandro Steinbach**[†]. “California Almond Industry Harmed by International Trade Issues,” *Agricultural and Resource Economics Update*, 26(1): 1–4. ↗
- 07/2022 Heidi Schweizer, **Sandro Steinbach**[†] and Xiting Zhuang[‡]. “International Market Concentration in the Southern Meat Trading Market,” *Southern Ag Today*, 2 (29.4). ↗
- 04/2022 **Sandro Steinbach**[†] and Xiting Zhuang[‡]. “Shipping Container Disruptions Cause Considerable Export Losses for Southern Ports,” *Southern Ag Today*, 2 (17.4). ↗
- 12/2021 Colin A. Carter, **Sandro Steinbach**[†] and Xiting Zhuang[‡]. “‘Containergeddon’ and California Agriculture,” *Agricultural and Resource Economics Update*, 25(2): 1–4. ↗
- 12/2020 Colin A. Carter, Jiayi Dong[‡] and **Sandro Steinbach**[†]. “2018 Trade War, Mitigation Payments, and California Agriculture,” *Agricultural and Resource Economics Update*, 24(2): 1–4. ↗

- 12/2020 Colin A. Carter and **Sandro Steinbach**[†]. “The Impact of Retaliatory Tariffs on Agricultural and Food Trade,” *CATO Research Briefs in Economic Policy*, No. 243. [↗](#)
- 02/2020 Colin A. Carter and **Sandro Steinbach**[†]. “Impact of the U.S.-China Trade War on California Agriculture,” *Agricultural and Resource Economics Update*, 23(3): 9–11. [↗](#)
- 10/2013 Colin A. Carter[†] and **Sandro Steinbach**. “China’s Growing Role in Agricultural Trade,” *Agricultural and Resource Economics Update*, 17(1): 9–11. [↗](#)

Working Papers

- 2023 Colin A. Carter and **Sandro Steinbach**[†]. “The Impact of Retaliatory Tariffs on Agricultural and Food Trade,” *NBER Working Paper* w27147, revise & resubmit in the *Journal of the Agricultural & Applied Economics Association*. [↗](#)
- 2023 **Sandro Steinbach**[†]. “The Health Impact of Ragweed Allergies in Sweden,” revise & resubmit in the *Journal of Health Economics*. [↗](#)
- 2023 David W. Bullock and **Sandro Steinbach**[†]. “Economic Consequences of Capping Premiums in Crop Insurance,” under review (submitted on May 22, 2023). [↗](#)
- 2023 David W. Bullock and **Sandro Steinbach**[†]. “Southern Economic Impacts of Premium-to-Liability Ratio Limits in U.S. Crop Insurance,” under review (submitted on May 18, 2023). [↗](#)
- 2023 Armen Khederlarian[‡] and **Sandro Steinbach**. “Pre-Trends and Trade Effects of Temporary Trade Barriers,” under review (submitted on May 17, 2023). [↗](#)
- 2023 Colin. A Carter, **Sandro Steinbach**[†] and Xiting Zhuang[‡]. “Global Shipping Container Disruptions and U.S. Agricultural Exports,” *IATRC Working Paper* 22-01, under review (submitted on May 15, 2023). [↗](#)
- 2023 **Sandro Steinbach**[†] and Yasin Yildirim[‡]. “The War for Grain: How the Russian Invasion of Ukraine Impacted the Grain Futures Market,” under review (submitted on May 13, 2023). [↗](#)
- 2023 Rigoberto Lopez, Keenan Marchesi and **Sandro Steinbach**[†]. “Dollar Store Expansion, Food Retail Competition, and Rural Employment,” revised & resubmitted in *Applied Economic Perspectives & Policy* (submitted on May 10, 2023). [↗](#)
- 2023 Dongin Kim[‡] and **Sandro Steinbach**[†]. “Rising Protectionism and Foreign Direct Investment,” under review (submitted on May 8, 2023). [↗](#)
- 2023 Raghav Goyal and **Sandro Steinbach**[†]. “Agricultural Commodity Markets in the Wake of the Black Sea Grain Initiative,” under review (submitted on April 24, 2023). [↗](#)
- 2023 Dongin Kim[‡] and **Sandro Steinbach**[†]. “The Linder Hypothesis for Foreign Direct Investment Revisited,” under review (submitted on April 22, 2023). [↗](#)
- 2023 **Sandro Steinbach**[†] and Xiting Zhuang[‡]. “U.S. Agricultural Exports and the 2022 Mississippi River Drought,” under review (submitted on April 1, 2023). [↗](#)
- 2023 **Sandro Steinbach**[†]. “The Corporatization of Veterinary Medicine: An Empirical Analysis of Its Impact on Independent Practices,” under review (submitted on March 17, 2023). [↗](#)
- 2023 Giuliano Masiero, Fabrizio Mazzonna[‡] and **Sandro Steinbach**. “Happy Pills? Mental Health Effects of the Dramatic Increase in Antidepressant Use,” *IZA Working Paper* 13727, under review (submitted on February 20, 2023). [↗](#)
- 2023 **Sandro Steinbach**[†] and Xiting Zhuang. “Global Container Shipping Disruptions, Pop-Up Ports, and U.S. Agricultural Exports,” under review (submitted on January 12, 2023). [↗](#)

- 2022 Colin A. Carter and **Sandro Steinbach**[†]. “The Impact of the 2018 Trade War on Foreign Trade of Canada, the United States, and Mexico,” under review (submitted on December 14, 2022). [↗](#)
- 2022 Armen Khederlarian[‡] and **Sandro Steinbach**[†]. “On the Dynamic Trade Effects of Temporary Trade Barriers,” *FREIT Working Paper* 1781. [↗](#)
- 2022 Dongin Kim^{†,‡} and **Sandro Steinbach**. “Preferential Trading in Agriculture: New Insights from a Structural Gravity Analysis and Machine Learning,” *CAPTS Working Paper* 2022-12. [↗](#)
- 2021 **Sandro Steinbach**[†]. “Exchange Rate Risk and Global Food Supply Chains,” *NBER Working Paper* w29164. [↗](#)
- 2020 **Sandro Steinbach**[†]. “Similarity in Demand Structures and Foreign Direct Investment in the Food and Beverage Industry,” in preparation for submission. [↗](#)
- 2020 Sijia Chen and **Sandro Steinbach**[†]. “Measuring the Impact of Sunset Reviews on Agricultural and Food Trade,” in preparation for submission. [↗](#)
- 2020 **Sandro Steinbach**[†]. “Bilateral Export Trade and Income Similarity: Does the Linder Hypothesis Hold for Agricultural and Food Trade?,” in preparation for submission. [↗](#)
- 2020 **Sandro Steinbach**[†]. “An Empirical Investigation of the Relationship between the Quality of Food and the Direction of Trade,” in preparation for submission. [↗](#)
- 2018 Colin A. Carter and **Sandro Steinbach**[†]. “Trade Diversion and the Initiation Effect: A Case Study of U.S. Trade Remedies in Agriculture,” *NBER Working Paper* w24745. [↗](#)

Selected Work in Progress

- 2023 Armen Khederlarian[‡] and **Sandro Steinbach**[†]. “The Impact of Trade Disputes on U.S. Agriculture: A Data-Driven Approach for Counterfactual Measurement,” in preparation for submission. [↗](#)
- 2023 Stepan Gordeev[†], Jeremy Jelliffe, Dongin Kim[†] and **Sandro Steinbach**. “Leveraging Machine Learning to Assess the Impact and Drivers of Agricultural Trade Promoting Provisions in Preferential Trade Agreements,” in preparation for submission. [↗](#)
- 2023 Colin A. Carter[†] and **Sandro Steinbach**. “Did Grain Futures Prices Overreact to the Russia-Ukraine War?,” in preparation for submission. [↗](#)
- 2023 Armen Khederlarian[‡] and **Sandro Steinbach**[†]. “The Russia-Ukraine, Fertilizer Scarcity, and the Global Food Crisis,” in preparation for submission.
- 2022 **Sandro Steinbach**[†] and Yasin Yildirim[‡]. “Diverging Trends in National and Local Market Concentration for Veterinary Services,” in preparation for submission.
- 2022 Salome Dürr, Francesco Galli[‡], Antoine Champetier de Ribes and **Sandro Steinbach**[†]. “Evaluating Farm-Level Drivers of Pig Movements for Disease Surveillance in Switzerland,” in preparation for submission.
- 2022 Connor Nolan^{†,‡} and **Sandro Steinbach**. “Hungry for Change: Retail Discounters and Food Deserts in America,” in preparation for submission.
- 2022 Qianxia Jiang[‡], **Sandro Steinbach**[†] and Kristen Cooksey Stowers. “Obesity for a Dollar: What a Bargain!,” in preparation for submission.
- 2022 **Sandro Steinbach**[†]. “Regulatory Harmonization and International Trade: The Case of Vaccines for Veterinary Medicine,” in preparation for submission.
- 2021 Soojung Ahn^{†,‡} and **Sandro Steinbach**. “The Impact of Data Openness on Agricultural and Food Trade,” in preparation for submission.

- 2021 Dongin Kim[‡] and **Sandro Steinbach**[†]. “Spillover Effects of Foreign Direct Investment in the United States: County-level Evidence from the Food Industry,” in preparation for submission.
- 2021 **Sandro Steinbach** and Xiting Zhuang^{†,‡}. “Global Trade Effects of Stricter Environmental Trade Policies in China,” in preparation for submission.
- 2018 Thomas Geissmann, Felix Schläpfer and **Sandro Steinbach**[†]. “Sustainable Pesticide Use and Input Efficiency in Swiss Horticulture,” in preparation for submission.

Theses

- 05/2018 **Sandro Steinbach**. “Three Essays in Environmental and Health Economics,” Doctoral Thesis, ETH Zurich. [↗](#)
- 03/2014 **Sandro Steinbach**. “Trade Destruction and Diversion Effects of Antidumping Duties in Agriculture,” Master Thesis, University of California, Davis, also published as *NBER Working Paper* w24745. [↗](#)
- 09/2012 **Sandro Steinbach**. “Two Case Studies on Economies in Transition,” Master Thesis, Humboldt-Universität zu Berlin.

Technical Reports

- 04/2023 David Bullock and **Sandro Steinbach**[†]. “Capping the Farmer Premium-to-Liability Ratio for the Major Federal Crop Insurance Coverages: An Evaluation of the Potential Economic Implications,” AAE Staff Paper 2023-01, North Dakota State University. [↗](#)
- 06/2022 **Sandro Steinbach**[†]. “Retaliatory Tariffs, Container Shipping Disruptions, and California Almond Exports,” Almond Board of California.
- 03/2021 **Sandro Steinbach**[†] and Xiting Zhuang[‡]. “Cost-Benefit Analysis of UAV Threats in Connecticut,” Eversource Energy.
- 09/2019 Thomas Geissmann, Felix Schläpfer and **Sandro Steinbach**[†]. “Sustainable Pesticide Use and Input Efficiency in Swiss Horticulture,” Swiss Federal Office of Agriculture.
- 05/2019 Michele Baggio^{†,‡} and **Sandro Steinbach**[†]. “Impact Assessment of Habitat Restoration Policies: An Analysis of River Restoration in Switzerland,” Swiss Federal Office for the Environment.
- 03/2018 Dana Zingg, **Sandro Steinbach**[†], Christian Kuhlitz, Matthias Rediger, Gertraud Schüpbach-Regula, Matteo Aepli, Gry M. Grøneng and Salome Dürr[†]. “Cost-Benefit Analysis of Footrot Management in Switzerland,” Swiss Federal Food and Veterinary Office.

Current Grants

- 2023 – 2027 National Institute of Food and Agriculture, AFRI Program: “Global Implications of the Russia-Ukraine War for Agricultural Trade and Value Chains, Commodity Prices, and Cross-border Investment,” with Raghav Goyal, Md Deluair Hossen, Sunghun Lim, Andrew Muhammad and Anupa Sharma, Principal Investigator (USD 800,000)
- 2023 – 2027 National Institute of Food and Agriculture, AFRI Program: “Consumer Choices and Behavior of Visitors to Farmers’ Markets: New Insights from Human Mobility Data and Artificial Intelligence,” with Cristina Connolly and Suining He, Co-Principal Investigator (USD 650,000)
- 2023 – 2027 Genome Canada, Climate-Smart Agriculture and Food Systems – Interdisciplinary Challenge Teams Program: “PEA^{CE} (Pea Climate-Efficient): Developing Climate-Resilient, Low Carbon Footprint Field Pea as a Preferred Rotation Crop through Inter-Disciplinary

Integration of Genomic Technologies,” with Pankaj Bhowmik, Deng-Jin Bing, Syama Chatterton, Kishore Gali, Raju Jetty, Jill Hobbs, Sateesh Kagale, David Konkin, Reynald Lemke, Sara Lira, Prachi Loliencar, Wendy Lyzenga, Peter Slade, Raju Soolanayakanahally, Dae-Kyun Ro, Marcus Samuel, Sandro Steinbach, Nick Tyack, Tom Warkentin, David Wishart, Yang Yang and Wentao Zhang, Co-Investigator (USD 4,400,000)

- 2023 – 2026 Northeast Sustainable Agriculture Research and Education, Research for Novel Approaches Grant Program: “Operationalizing Drone Imaging Technology to Detect Nutrient Deficiencies in Fruit Orchards,” with Mary Concklin, Evan Lentz and Chandi Witharana, Co-Principal Investigator (USD 200,000)
- 2023 – 2024 Sheila and Robert Challey Institute for Global Innovation and Growth, Faculty Scholar Program: “Examining the Dynamics and Future of Agricultural Trade and Foreign Direct Investment between China and the United States,” Principal Investigator (USD 70,000)
- 2022 – 2026 National Institute of Food and Agriculture, AFRI Program: “DSFAS-CIN: Harnessing Mobility Big Data and Artificial Intelligence Through a Transdisciplinary Research Network in Food Production, Processing, and Consumption Systems,” with Cristina Connolly, Suining He, Dongjin Song, Debarchana Ghosh and Tao Lu, Co-Principal Investigator (USD 1,000,000)
- 2022 – 2025 National Institute of Food and Agriculture, AFRI Program: “Evaluating the Impact of Preferential Trade Agreements on Agricultural and Food Trade: New Insights from Natural Language Processing and Machine Learning,” with Caiwen Ding and Dongjin Song, Principal Investigator (USD 650,000)
- 2022 – 2025 National Institute of Food and Agriculture, AFRI Program: “The Evolving Food Retail Market Structure: New Insights into Entry, Competition, and Employment,” with Rigoberto Lopez and Aviv Nevo, Co-Principal Investigator (USD 650,000)
- 2022 – 2023 National Institute of Food and Agriculture, AFRI Program: “Workshop on Transforming Agricultural Global Value Chains,” with Titus O. Awokuse, Sunghun Lim and Fabio Santeramo, Principal Investigator (USD 50,000)
- 2022 – 2023 Foreign Agricultural Service, United States Department of Agriculture, Cooperative Agreement: “The Russia-Ukraine War and Global Trade Reallocations: Opportunities or Impairments for U.S. Agriculture?,” with Armen Khederlarian, Md Deluair Hossen and Andrew Muhammad, Principal Investigator (USD 75,000)
- 2021 – 2024 National Institute of Food and Agriculture, EWD Program: “Measuring the Impact of Foreign Trade Shocks on Agriculture in the United States,” with Dongin Kim, Principal Mentor (USD 180,000)
- 2020 – 2024 National Institute of Food and Agriculture, AFRI Program: “The Impact of Foreign Direct Investment on Agriculture in the United States,” Principal Investigator (USD 500,000)
- 2019 – 2023 National Institute of Food and Agriculture, AFRI Program: “The Impact of Trade Disputes on U.S. Agriculture: Data-Driven Approaches for Counterfactual Measurement,” with Colin A. Carter, Principal Investigator (USD 485,500)
- 2019 – 2023 Swiss National Science Foundation, Project Funding Program: “The Effect of Network Accuracy and Risk Categorization on Dynamic Network Models,” with Salome Dürr, Project Partner (CHF 488,000)

Completed Grants

- 2022 – 2027 National Institute of Food and Agriculture, NNF Program: “Training the Next Generation of Agricultural Economists in Data Science,” with Emma Bojinova, Cristina Connolly, Jose M. Cruz, Joseph Johnson, Nalini Ravishanker, Farhed Shah and Charles Towe, Principal Investigator, discontinued after leaving the University of Connecticut (USD 262,500)

2022 – 2024	University of Connecticut, Faculty Affiliate Seed Grant: “Developing and Sharing CT Spatial Analytics Tools to Uncover Causes of Health Disparities,” with Xiang Chen, Emil Coman and Carolyn Lin, Co-Principal Investigator, discontinued after leaving the University of Connecticut (USD 15,000)
2022 – 2023	University of Connecticut, CAHNR Data Grant Program: “Food Systems Big Mobility Data,” with Cristina Connolly and Suining He, Co-Principal Investigator (USD 75,000)
2021 – 2022	University of Connecticut, Research Excellence Program: “Implications of the Evolving Food Retail Landscape for Competition and Human Well-Being in the United States,” with Debarchana Ghosh, Rigoberto Lopez and Kristen Cooksey Stowers, Co-Principal Investigator (USD 50,000)
2021 – 2022	Giannini Foundation of Agricultural Economics, Mini-Grant Program: “Putting an End to the Trade War? Trade Effects on California Agriculture,” with Colin A. Carter, Project Partner (USD 28,000)
2021 – 2022	University of Connecticut, CAHNR Data Grant Program: “National Establishment Time-Series (NETS) Database,” with Cristina Connolly and Rigoberto Lopez, Principal Investigator (USD 62,500)
2021 – 2022	University of Connecticut, CAHNR Equipment Grant Program: “High-performance computing (HPC) cluster,” with Zhe Zhu, Multiple Principal Investigators (USD 75,000)
2020 – 2024	Economic Research Service, United States Department of Agriculture, Cooperative Agreement: “Measuring the Impact of Dollar Stores Expansion on Food Retail Competition and Employment in Rural America,” with Rigoberto Lopez, Principal Investigator, discontinued after leaving the University of Connecticut (USD 48,500)
2020 – 2023	National Institute of Food and Agriculture, Hatch Capacity Program: “Integrated Economic Assessment of Contaminants, Best Practice Agricultural Management, and Environmental Policies in Northeastern U.S. Watersheds,” with Kimberly Rollins, Co-Principal Investigator, discontinued after leaving the University of Connecticut (USD 90,000)
2020 – 2023	University of Connecticut, Junior Faculty Seed Grant: “Non-Occupational Pesticide Exposure and the Academic Performance of Children and Teenagers,” with Douglas Brugge and Erik Loken, Principal Investigator, discontinued after leaving the University of Connecticut (USD 15,000)
2020 – 2023	University of Connecticut, Research Excellence Program: “The Impact of Non-Occupational Pesticide Exposure on the Academic Performance of Children and Teenagers,” with Douglas Brugge and Erik Loken, Principal Investigator, discontinued after leaving the University of Connecticut (USD 50,000)
2020 – 2022	National Institute of Food and Agriculture, AFRI Program: “Workshop on Ecosystem Services Foundations for Resilient Communities: Agriculture, Land Use, Coasts and Energy for Human Well-Being,” with Stephen Swallow and Charles Towe, Co-Principal Investigator (USD 50,000)
2020 – 2021	Giannini Foundation of Agricultural Economics, Mini-Grant Program: “Impact of the U.S.-China Trade War on California Agriculture,” with Colin A. Carter, Co-Principal Investigator (USD 30,000)
2019 – 2023	National Institute of Food and Agriculture, Hatch Capacity Program: “Foreign Direct Investment in the U.S. Food Industry,” with Sandra Corredor, Principal Investigator, discontinued after leaving the University of Connecticut (USD 110,000)
2019 – 2021	Eversource Energy, Cooperative Agreement: “Protecting Critical Infrastructure from UAV Threats – Developing New Options for UAV Detection,” with Chandi Witharana, Co-Principal Investigator (USD 411,000)

- 2017–2018 MAVA Foundation, Small Research Grant Program: “The Role of Agricultural Privileges for Farming Income in Switzerland,” with Felix Schläpfer, Principal Investigator (CHF 22,000)
- 2017–2018 Swiss Federal Food Safety and Veterinary Office, Cooperative Program: “Cost-Benefit Analysis of Footrot Management in Switzerland,” Principal Investigator (CHF 60,000)
- 2016–2018 Swiss Federal Office for Agriculture, Applied Research Program: “Sustainable Pesticide Use and Input Efficiency in Swiss Horticulture,” with Thomas Geissmann, Principal Investigator (CHF 127,000)
- 2015–2018 Swiss National Science Foundation, Project Funding Program: “An Economic Analysis of Antidepressant Use,” with Fabrizio Mazzonna, Giuliano Masiero and Massimo Filippini, Investigator (CHF 213,000)
- 2015–2018 Swiss Federal Office for the Environment, Cooperative Program: “Impact Assessment of River Restoration in Switzerland,” with Michele Baggio and Massimo Filippini, Investigator (CHF 155,000)
- 2015–2016 Swiss Federal Food Safety and Veterinary Office and Federal Office for Agriculture, Applied Research Program: “Economic Impact Evaluation of Footrot Management in Switzerland,” with Matteo Aepli, Maria Christina Härdi-Landerer, Rafael Lüchinger and Gertrud M. Schüpbach, Co-Principal Investigator (CHF 283,000)
- 2014–2017 Swiss National Science Foundation, COST Program: “Economic Impact Evaluation of Integrated Ragweed Management,” with Massimo Filippini, Co-Principal Investigator (CHF 167,000)
- 2013–2014 United States Department of Agriculture, Cooperative Agreement: “Implications of Trade Remedy Laws in Agriculture,” with Colin A. Carter, Investigator (USD 35,000)

Selected Pending Grants

- 2024–2028 National Institute of Food and Agriculture, NNF Program: “Empowering Women Leaders and Transforming Agribusiness Education through an Experiential MS Program in Agribusiness and Data Analytics,” with Anne Denton, Kerianne Lawson, Simone Ludwig, Ruilin Tian, Cheryl Wachenheim and Mingao Yuan, Principal Investigator (USD 262,500)
- 2023–2027 National Institutes of Health, R01 Program: “A Modern Spatial Analytical Psychometric Framework for Assessing Health Disparities and Structural Inequities,” with Emil Coman, Carolyn Lin, Xiang Chen, Wizdom Powell and Brian Payne, Co-Principal Investigator (USD 2,824,400)
- 2023–2027 National Institute of Food and Agriculture, AFRI Program: “Assessing the Impact of Rural Broadband on Economic Activities, Educational Achievement, and Human Health,” with David Simon and Emil Coman, Principal Investigator (USD 650,000)
- 2023–2026 Foundation for Food and Agriculture Research, New Innovator in Food & Agriculture Research Program: “Cataloging Urban Agriculture to Nurture Sustainable Food Systems,” with Cristina Connolly, Jacqueline Kowalski and Zhe Zhu, Principal Investigator (USD 450,000)
- 2023–2024 National Institute of Food and Agriculture, AFRI Program: “Conference on Global Governance, Economic Sanctions, and Agricultural Trade,” with Sylvanus Afesorghor, Annelies Deuss and Fabio Santeramo, Principal Investigator (USD 50,000)
- 2023–2024 Economic Research Service, United States Department of Agriculture, Cooperative Agreement: “Distortions to Farm Incentives and Agricultural Productivity Change,” Principal Investigator (USD 30,000)

Conference Participation and Invited Talks

† indicates the presenter and ‡ a graduate student or postdoctoral scholar.

- 08/2023 Dongin Kim[†] and **Sandro Steinbach**[†]. “Preferential Trading and Global Agri-food Value Chains,” European Association of Agricultural Economists, *Triennial Congress*, Rennes, France (scheduled)
- 08/2023 **Sandro Steinbach**[†]. “Global Grain Trade Implications of the Russia-Ukraine War,” European Association of Agricultural Economists, *Triennial Congress*, Rennes, France (scheduled)
- 08/2023 Donghoon Kim^{†,‡}, Rigoberto Lopez and **Sandro Steinbach**. “Food Retail Configuration and Markups,” European Association for Research in Industrial Economics, *Annual Conference*, Rome, Italy (scheduled)
- 08/2023 Stepan Gordeev^{†,‡} and **Sandro Steinbach**. “Determinants of PTA Design,” Pennsylvania State University, *International Conference on Empirical Economics*, Altoona, PA (scheduled)
- 07/2023 Soojung Ahn^{†,‡} and **Sandro Steinbach**. “The Impact of the Russia-Ukraine War on Global Food Supply Chains from the Perspective of Low-Income Food Deficit Countries,” Agricultural and Applied Economics Association, *Annual Meeting*, Washington, DC (scheduled)
- 07/2023 Soojung Ahn[†], Dongin Kim[†] and **Sandro Steinbach**[†]. “Global Grain Trade Implications of the Russia-Ukraine War,” Agricultural and Applied Economics Association, *Annual Meeting*, Washington, DC (scheduled)
- 07/2023 Sijia Chen^{†,‡} and **Sandro Steinbach**. “Revisiting the Effects of Trade Remedies on U.S. Agricultural Imports,” Agricultural and Applied Economics Association, *Annual Meeting*, Washington, DC (scheduled)
- 07/2023 Cristina Connolly[†], Marcelo Graziano, Alyssa McDonnell[†] and **Sandro Steinbach**. “The Impact of Repealing Sunday Blue Laws on Alcohol Sales and Retail Competition,” Agricultural and Applied Economics Association, *Annual Meeting*, Washington, DC (scheduled)
- 07/2023 Donghoon Kim^{†,‡}, Rigoberto Lopez and **Sandro Steinbach**. “The Impact of Entry in the Grocery Industry on Independent Grocery Retailers,” Agricultural and Applied Economics Association, *Annual Meeting*, Washington, DC (scheduled)
- 07/2023 Donghoon Kim^{†,‡}, Rigoberto Lopez and **Sandro Steinbach**. “Food Retail Configuration and Markups,” Agricultural and Applied Economics Association, *Annual Meeting*, Washington, DC (scheduled)
- 07/2023 Dongin Kim^{†,‡} and **Sandro Steinbach**. “Preferential Trading and Global Agri-food Value Chains,” Agricultural and Applied Economics Association, *Annual Meeting*, Washington, DC (scheduled)
- 07/2023 Dongin Kim^{†,‡} and **Sandro Steinbach**. “Foreign Trade Shocks and U.S. Farm Income,” Agricultural and Applied Economics Association, *Annual Meeting*, Washington, DC (scheduled)
- 07/2023 Mengjie Li^{†,‡}, Rigoberto Lopez and **Sandro Steinbach**. “Evolution of Entry into U.S. Food Retailing: Implications for Local Competition,” Agricultural and Applied Economics Association, *Annual Meeting*, Washington, DC (scheduled)
- 07/2023 Xiting Zhuang^{†,‡} and **Sandro Steinbach**. “U.S. Agricultural Exports and the 2022 Mississippi River Drought,” Agricultural and Applied Economics Association, *Annual Meeting*, Washington, DC (scheduled)

- 07/2023 **Sandro Steinbach**[†]. “The Corporatization of Veterinary Medicine: An Empirical Analysis of Its Impact on Independent Practices,” Agricultural and Applied Economics Association, *Annual Meeting*, Washington, DC (scheduled)
- 07/2023 Giuliano Masiero, Fabrizio Mazzonna[†] and **Sandro Steinbach**. “Happy Pills? Mental Health Effects of the Dramatic Increase in Antidepressant Use,” International Health Economics Association, *World Congress*, Cape Town, South Africa (scheduled)
- 06/2023 Cristina Connolly[†], Marcelo Graziano, Alyssa McDonnell[‡] and **Sandro Steinbach**. “The Impact of Repealing Sunday Blue Laws on Alcohol Sales and Retail Competition,” American Association of Wine Economists, *Annual Conference*, Stellenbosch, South Africa (scheduled)
- 06/2023 Colin A. Carter[†] and **Sandro Steinbach**. “Did Grain Futures Prices Overreact to the Russia-Ukraine War?,” Commodity and Energy Markets Association *Annual Conference*, Budapest, Hungary (scheduled)
- 06/2023 Emil Coman[†], Xiang Chen and **Sandro Steinbach**. “Boosting Powers by Combining Spatial Econometrics with Dyadic Analysis and SEM. Racial/Ethnic Differences in Life Expectancy across the US States,” Modern Modeling Methods Association, *Annual Conference*, Storrs, CT (scheduled)
- 06/2023 Sijia Chen[‡] and **Sandro Steinbach**[†]. “Non-Occupational Pesticide Exposure and Academic Achievement: School-Level Evidence from California,” American Society of Health Economists, *Annual Conference*, St. Louis, MO (scheduled)
- 05/2023 Qianxia Jiang, **Sandro Steinbach**[†] and Kristen Cooksey Stowers. “A Taste of Inequality: Exploring Long-Term Trends in Racial and Ethnic Disparities in the Local Food Environment,” Agricultural and Applied Economics Association, *Conference on Economics of Inequity in Agricultural, Food, and Environmental Systems*, Minneapolis, MI (scheduled)
- 04/2023 Colin A. Carter[†] and **Sandro Steinbach**. “What Drove Grain Futures When Russia Invaded Ukraine?,” J.E. Cairnes School of Business & Economics, NUI Galway, *Economics Seminar*, Galway, Ireland (scheduled)
- 03/2023 Armen Khederlarian[‡] and **Sandro Steinbach**[†]. “The Impact of Trade Disputes on U.S. Agriculture: A Data-Driven Approach for Counterfactual Measurement,” North Dakota State University, *Agribusiness and Applied Economics Seminar*, Fargo, ND (scheduled)
- 03/2023 **Sandro Steinbach**[†]. “The Corporatization of Veterinary Medicine: An Empirical Analysis of Its Impact on Independent Practices,” University of Bern, *Vetsuisse Seminar*, Bern, Switzerland
- 02/2023 Soojung Ahn[‡], Dongin Kim[‡] and **Sandro Steinbach**[†]. “The Impact of the Russian Invasion of Ukraine on Grain and Oilseed Trade,” United States Department of Agriculture, Foreign Agricultural Service, *Agricultural Trade Seminar*, Washington, DC
- 01/2023 **Sandro Steinbach**[†] and Xiting Zhuang[‡]. “Global Container Shipping Disruptions, Pop-Up Ports, and U.S. Agricultural Exports,” Allied Social Science Association, *Annual Meeting*, New Orleans, LA
- 01/2023 Rigoberto Lopez, Keenan Marchesi[†] and **Sandro Steinbach**. “Dollar Store Expansion, Food Retail Competition, and Rural Employment,” Allied Social Science Association, *Annual Meeting*, New Orleans, LA
- 12/2022 Dongin Kim^{†,‡} and **Sandro Steinbach**. “Preferential Trading in Agriculture: New Insights from a Structural Gravity Analysis and Machine Learning,” International Agricultural Trade Research Consortium, *Annual Meeting*, Clearwater Beach, FL
- 12/2022 **Sandro Steinbach** and Xiting Zhuang^{†,‡}. “The Time-Varying Effect of the Covid-19

- Pandemic on International Trade: Evidence from China,” International Agricultural Trade Research Consortium, *Annual Meeting*, Clearwater Beach, FL
- 12/2022 **Sandro Steinbach**[†] and Xiting Zhuang[‡]. “Global Container Shipping Disruptions, Pop-Up Ports, and U.S. Agricultural Exports,” International Agricultural Trade Research Consortium, *Annual Meeting*, Clearwater Beach, FL
- 12/2022 Soojung Ahn^{†,‡} and **Sandro Steinbach**. “Russia-Ukraine War-Led Global Supply Disruptions in the Staple Food Markets,” International Agricultural Trade Research Consortium, *Annual Meeting*, Clearwater Beach, FL
- 08/2022 Soojung Ahn^{†,‡} and **Sandro Steinbach**. “Impact of Regional Trade Agreements with Neighboring Countries on Landlocked Developing Countries’ Trade Performance,” Agricultural and Applied Economics Association, *Annual Meeting*, Anaheim, CA
- 08/2022 Colin A. Carter, **Sandro Steinbach** and Xiting Zhuang^{†,‡}. “Global Container Trade Disruptions and U.S. Agricultural Exports,” Agricultural and Applied Economics Association, *Annual Meeting*, Anaheim, CA
- 08/2022 Sijia Chen^{†,‡} and **Sandro Steinbach**. “Assessing the Seismic Intensity Shocks on Birth Outcomes,” Agricultural and Applied Economics Association, *Annual Meeting*, Anaheim, CA
- 08/2022 Andrew Chia[‡] and **Sandro Steinbach**[†]. “Children’s Health, Academic Performance, and Non-Occupational Pesticide Exposure in California,” Agricultural and Applied Economics Association, *Annual Meeting*, Anaheim, CA
- 08/2022 Dongin Kim^{†,‡} and **Sandro Steinbach**. “Preferential Trading in Agricultural and Food Products: New Insights from a Structural Gravity Analysis and Machine Learning,” Agricultural and Applied Economics Association, *Annual Meeting*, Anaheim, CA
- 08/2022 Rigoberto Lopez, Keenan Marchesi and **Sandro Steinbach**[†]. “Dollar Store Expansion, Food Retail Competition, and Rural Employment,” Agricultural and Applied Economics Association, *Annual Meeting*, Anaheim, CA
- 08/2022 **Sandro Steinbach**[†]. “Dollar Store Expansion and Implications for Food Policy: A Panel Discussion with Project Investigators on USDA-sponsored Projects,” Agricultural and Applied Economics Association, *Annual Meeting*, Anaheim, CA
- 07/2022 Colin A. Carter, **Sandro Steinbach**[†] and Xiting Zhuang[‡]. “Global Container Shipping Disruptions and U.S. Agricultural Exports,” North Dakota State University, *Agribusiness and Applied Economics Seminar*, Fargo, ND
- 06/2022 **Sandro Steinbach** and Xiting Zhuang^{†,‡}. “Supply Chain Crisis and Empty Shipping Containers,” Northeastern Agricultural and Resource Economics Association, *Annual Meeting*, Mystic, CT
- 06/2022 Sijia Chen^{†,‡} and **Sandro Steinbach**. “The Cumulative Seismic Shocks on Birth Outcomes: A New Perspective in the Health Impact of Earthquakes,” American Society of Health Economists, *Annual Meeting*, Austin, TX
- 06/2022 Qianxia Jiang^{†,‡}, **Sandro Steinbach** and Kristen Cooksey Stowers. “Obesity for a Dollar: What a Bargain!,” Tufts University, *Workshop on Food Access at Dollar Stores and its Implications for Public Health*, Boston, MA
- 06/2022 Keenan Marchesi and **Sandro Steinbach**[†]. “Dollar Store Expansion, Food Retail Competition, and Rural Employment,” Tufts University, *Workshop on Food Access at Dollar Stores and its Implications for Public Health*, Boston, MA
- 06/2022 Colin A. Carter, **Sandro Steinbach**[†] and Xiting Zhuang. “Port Congestion, Container Shortages, and U.S. Agricultural Exports,” University of California, Davis, *Joint UC Berkeley and Davis Agricultural Economics Seminar*, Davis, CA

- 04/2022 Colin A. Carter and **Sandro Steinbach**[†]. “Supply Chain Disruptions and U.S. Agriculture,” University of Illinois at Urbana-Champaign, *ACE Seminar*, Urbana, IL
- 04/2022 Armen Khederlarian^{†,‡} and **Sandro Steinbach**. “On the Dynamic Trade Effects of Temporary Trade Barriers,” Purdue University, *Midwest International Economics Group Spring Meeting*, West Lafayette, IN
- 03/2022 Colin A. Carter, **Sandro Steinbach**[†] and Xiting Zhuang[‡]. “Port Congestion, Container Shortages, and U.S. Agricultural Exports,” United States Department of Agriculture, Economic Research Service, *Brown Bag Lunch Seminar*, Kansas City, KS
- 03/2022 Qianxia Jiang^{†,‡}, **Sandro Steinbach** and Kristen Cooksey Stowers. “An Empirical Assessment of the Relationship between Food Retail Market Concentration and Racial/Ethnic Inequities in Food Swamp Exposure,” Yale University, *Reforming America’s Food Retail Markets Conference*, New Haven, CT
- 03/2022 Connor Nolan^{†,‡} and **Sandro Steinbach**[†]. “Hungry for Antitrust Enforcement: Retail Discounters and Food Deserts in America,” Yale University, *Reforming America’s Food Retail Markets Conference*, New Haven, CT
- 02/2022 Colin A. Carter and **Sandro Steinbach**[†]. “The Impact of the 2018 Trade War on Foreign Trade of Canada, the United States, and Mexico,” University of Connecticut, *Agricultural and Environmental Economics Seminar*, Storrs, CT
- 01/2022 Armen Khederlarian^{†,‡} and **Sandro Steinbach**. “A Dynamic Perspective of the Impact of Temporary Trade Barriers,” University of Rochester, *International Economics Reading Group*, Rochester, NY
- 01/2022 Soojung Ahn[‡] and **Sandro Steinbach**[†]. “Covid-19 Trade Actions and their Impact on the Agricultural and Food Sector,” Allied Social Science Association, *Annual Meeting*, Boston, MA (organized session, virtual)
- 12/2021 **Sandro Steinbach** and Xiting Zhuang^{†,‡}. “The Impact of China’s Environmental and Trade Policies on Global Waste Markets,” International Agricultural Trade Research Consortium, *Annual Meeting*, San Diego, CA
- 12/2021 Dongin Kim^{†,‡} and **Sandro Steinbach**. “Income Similarity and Foreign Direct Investment in the Food and Beverage Industry,” International Agricultural Trade Research Consortium, *Annual Meeting*, San Diego, CA
- 10/2021 Giuliano Masiero, Fabrizio Mazzonna[†] and **Sandro Steinbach**. “Happy Pills? Mental Health Effects of the Dramatic Increase in Antidepressant Use,” University of Basel, *Faculty of Business and Economics Research Seminar*, Basel, Switzerland
- 09/2021 **Sandro Steinbach**[†]. “The Economics of Animal Disease Spread and Mitigation,” Vetsuisse Public Health Conference, *Keynote Address*, Bern, Switzerland
- 08/2021 Soojung Ahn^{†,‡} and **Sandro Steinbach**. “Impact of Data Openness on Agricultural and Food Trade,” Agricultural and Applied Economics Association, *Annual Meeting*, Austin, TX
- 08/2021 Colin A. Carter and **Sandro Steinbach**[†]. “Trade Disputes, MFP Payments, and U.S. Agriculture,” Agricultural and Applied Economics Association, *Annual Meeting*, Austin, TX
- 08/2021 Donghoon Kim^{†,‡}, Rigoberto Lopez and **Sandro Steinbach**. “Dollar Store Expansion and Independent Grocery Retailer Survival,” Agricultural and Applied Economics Association, *Annual Meeting*, Austin, TX
- 08/2021 Dongin Kim[‡] and **Sandro Steinbach**[†]. “Taste Similarity and Foreign Direct Investment: Evidence from the Food and Beverage Industry,” Agricultural and Applied Economics Association, *Annual Meeting*, Austin, TX

- 08/2021 Dongin Kim^{†,‡} and **Sandro Steinbach**. “Spillover Effects of Foreign Direct Investment in the United States: County-level Evidence from the Food Industry,” Agricultural and Applied Economics Association, *Annual Meeting*, Austin, TX
- 08/2021 **Sandro Steinbach** and Xiting Zhuang^{†,‡}. “Environmental Regulations, Waste Backhaul and Maritime Trade,” Agricultural and Applied Economics Association, *Annual Meeting*, Austin, TX
- 06/2021 Soojung Ahn^{†,‡} and **Sandro Steinbach**. “Assessing the Impact of COVID-19 on Global Food Trade,” Organisation for Economic Co-operation and Development, *IATRC Symposium*, Paris, France
- 06/2021 Soojung Ahn[‡] and **Sandro Steinbach**[†]. “Measuring the Impact of COVID-19 Trade Actions on International Food Trade,” Organisation for Economic Co-operation and Development, *IATRC Symposium*, Paris, France
- 06/2021 Andrew Chia[‡] and **Sandro Steinbach**[†]. “Non-Occupational Pesticide Exposure and Academic Achievement: School-Level Evidence from California,” European Association of Environmental and Resource Economists, *Annual Conference*, Berlin, Germany
- 06/2021 **Sandro Steinbach** and Xiting Zhuang^{†,‡}. “Global Trade Effects of Tightening Environmental Standards in China,” European Association of Environmental and Resource Economists, *Annual Conference*, Berlin, Germany
- 06/2021 Sijia Chen^{†,‡} and **Sandro Steinbach**. “Assessing the Global Trade Effects of U.S. Sunset Reviews,” Canadian Economics Association, *Annual Meeting*, Vancouver, Canada
- 06/2021 Colin A. Carter, Jiayi Dong^{†,‡} and **Sandro Steinbach**. “The Impact of the 2018 Trade War on Foreign Trade of Canada, Mexico and the United States,” Canadian Economics Association, *Annual Meeting*, Vancouver, Canada
- 06/2021 Andrew Chia^{†,‡} and **Sandro Steinbach**. “Non-Occupational Pesticide Exposure and Academic Achievement: School-Level Evidence from California,” Association of Environmental and Resource Economists, *Summer Conference*, Miami, FL
- 06/2021 **Sandro Steinbach** and Xiting Zhuang^{†,‡}. “Environmental Regulations, Waste Backhaul and Maritime Trade,” Association of Environmental and Resource Economists, *Summer Conference*, Miami, FL
- 05/2021 **Sandro Steinbach**[†]. “Exchange Rate Risk and Global Food Supply Chains,” National Bureau of Economic Research, *Workshop on Risks in Agricultural Supply Chains*, Boston, MA
- 01/2021 Giuliano Masiero, Fabrizio Mazzonna[†] and **Sandro Steinbach**. “Happy Pills? Mental Health Effects of the Dramatic Increase in Antidepressant Use,” Allied Social Science Association, *Annual Meeting*, Chicago, IL (organized session, virtual)
- 09/2020 Giuliano Masiero, Fabrizio Mazzonna[†] and **Sandro Steinbach**. “Happy Pills? Mental Health Effects of the Dramatic Increase in Antidepressant Use,” University of Pittsburgh, *Economics Seminar Presentation*, Pittsburgh, PA
- 08/2020 Colin A. Carter, Jiayi Dong[‡] and **Sandro Steinbach**[†]. “U.S.-China Trade War, Mitigation Payments & California Agriculture,” University of California, Berkeley, *ARE Seminar Presentation*, Berkeley, CA
- 07/2020 Colin A. Carter and **Sandro Steinbach**[†]. “Trade Effects of the 2018-2020 Trade War for the Agricultural and Food Industry,” Agricultural and Applied Economics Association, *Annual Meeting*, Kansas City, MI
- 07/2020 Sijia Chen^{†,‡} and **Sandro Steinbach**. “Measuring the Impact of Sunset Reviews on Agricultural and Food Trade,” Agricultural and Applied Economics Association, *Annual Meeting*, Kansas City, MI

- 07/2020 Dongin Kim^{†,‡} and **Sandro Steinbach**. “The Impact of Rising Protectionism on Foreign Direct Investment in Agriculture,” Agricultural and Applied Economics Association, *Annual Meeting*, Kansas City, MI
- 07/2020 Samjhana Koirala^{†,‡}, Rigoberto Lopez and **Sandro Steinbach**. “Obesity for a Dollar? What a Bargain!,” Agricultural and Applied Economics Association, *Annual Meeting*, Kansas City, MI
- 06/2020 Sijia Chen^{†,‡} and **Sandro Steinbach**. “Trade Effect of Sunset Reviews: The Case of Agricultural and Food Products,” Northeastern Agricultural and Resource Economics Association, *Annual Meeting*, Mystic, CT
- 06/2020 Dongin Kim^{†,‡} and **Sandro Steinbach**. “Anti-globalization Trends Reduce Foreign Direct Investment in Agriculture,” Northeastern Agricultural and Resource Economics Association, *Annual Meeting*, Mystic, CT
- 06/2020 **Sandro Steinbach** and Xiting Zhuang^{†,‡}. “Global Waste Crisis? The Role of Environmental Trade Policies in China,” Northeastern Agricultural and Resource Economics Association, *Annual Meeting*, Mystic, CT
- 06/2020 **Sandro Steinbach**[†]. “Non-Occupational Pesticide Exposure and the Academic Performance of Children and Teenagers,” Association of Environmental and Resource Economists, *Summer Conference*, Miami, FL
- 06/2020 **Sandro Steinbach** and Xiting Zhuang^{†,‡}. “Global Trade Effects of Stricter Environmental Trade Policies in China,” Association of Environmental and Resource Economists, *Summer Conference*, Miami, FL
- 05/2020 **Sandro Steinbach**[†]. “Non-Occupational Pesticide Exposure and the Academic Performance of Children and Teenagers,” ETH Zurich, *Economics Lunch Seminar*, Zurich, Switzerland (deferred to September 2021)
- 04/2020 Colin A. Carter and **Sandro Steinbach**[†]. “The Impact of Retaliatory Tariffs on Agricultural and Food Trade,” National Bureau of Economic Research, *Workshop on Agricultural Markets and Trade Policy*, Washington, DC
- 12/2019 **Sandro Steinbach**[†]. “Exchange Rate Volatility and International Food Trade,” University of Connecticut, *Agricultural and Environmental Economics Seminar*, Storrs, CT
- 07/2019 **Sandro Steinbach**[†]. “The Impact of Exchange Rate Volatility on International Food Trade,” Agricultural and Applied Economics Association, *Annual Meeting*, Atlanta, GA
- 07/2019 **Sandro Steinbach** and Xiting Zhuang^{†,‡}. “Global Trade Effects of Tightening Environmental Standards in China,” Agricultural and Applied Economics Association, *Annual Meeting*, Atlanta, GA
- 06/2019 Giuliano Masiero, Fabrizio Mazzonna[†] and **Sandro Steinbach**. “The Effect of Local Growth in Antidepressant Consumption on Mental Health Outcomes,” CINCH - Health Economics Research Center, *Economics of Mental Health Workshop*, Essen, Germany
- 02/2019 Colin A. Carter and **Sandro Steinbach**[†]. “Trade Diversion and the Initiation Effect: A Case Study of U.S. Trade Remedies in Agriculture,” University of Connecticut, *Agricultural and Environmental Economics Seminar*, Storrs, CT
- 06/2018 Colin A. Carter and **Sandro Steinbach**[†]. “Trade Diversion and the Initiation Effect: A Case Study of U.S. Trade Remedies in Agriculture,” National Bureau of Economic Research, *Workshop on Trade and Agriculture*, Cambridge, MA
- 01/2018 **Sandro Steinbach**[†]. “Demand Similarity and Foreign Direct Investment in the Food and Beverage Industry,” University of Connecticut, *Agricultural and Environmental Economics Seminar*, Storrs, CT

- 04/2017 Thomas Geissmann and **Sandro Steinbach**[†]. “Einsparungspotentiale beim Einsatz von Pflanzenschutzmittel im Schweizer Obstbau,” Swiss Society for Agricultural Economics and Rural Sociology, *Annual Meeting*, Chur, Switzerland
- 04/2017 **Sandro Steinbach**[†]. “The Effect of Spatial Competition on the Extensive and Intensive Margins of Milk Production in Switzerland,” Swiss Society for Agricultural Economics and Rural Sociology, *Annual Meeting*, Chur, Switzerland
- 07/2017 Massimo Filippini, Fabrizio Mazzonna and **Sandro Steinbach**[†]. “Effects of Antidepressant Use on Mortality and Morbidity: Evidence from Switzerland,” International Health Economics Association, *World Congress*, Boston, MA
- 11/2016 Massimo Filippini, Giuliano Masiero[†] and **Sandro Steinbach**. “Ambient Air Pollution and Hospital Admissions,” Italian Health Economics Association, *Annual Conference*, Bologna, Italy
- 09/2016 **Sandro Steinbach**[†]. “The Impact of Ragweed Pollen Exposure on Human Health,” Sustainable Management of *Ambrosia Artemisiifolia* in Europe, *Annual Conference*, Vianden, Luxembourg
- 07/2016 **Sandro Steinbach**[†]. “Similarity in Demand Structures and Foreign Direct Investment in the Food and Beverage Industry,” Agricultural and Applied Economics Association, *Annual Meeting*, Boston, MA
- 07/2016 Massimo Filippini, Giuliano Masiero and **Sandro Steinbach**[†]. “Air Pollution and Hospital Admissions: Evidence from Swiss Data,” European Health Economics Association, *Annual Conference*, Hamburg, Germany
- 07/2016 Massimo Filippini, Giuliano Masiero and **Sandro Steinbach**[†]. “Identifying the Link between Unemployment and Mortality: Evidence from Switzerland,” European Health Economics Association, *Annual Conference*, Hamburg, Germany
- 06/2016 Massimo Filippini, Giuliano Masiero and **Sandro Steinbach**[†]. “Assessing the Link between Ambient Air Pollution and Hospital Admissions,” Centro Di Ricerca Interuniversitario Per i Servizi di Pubblica Utilità (CRISP), *Health Econometrics Workshop*, Bari, Italy
- 03/2016 Massimo Filippini, Giuliano Masiero and **Sandro Steinbach**[†]. “Ambient Air Pollution and Hospital Admissions,” Swiss School of Public Health (SSPH+), *Doctoral Workshop*, Zurich, Switzerland
- 09/2015 **Sandro Steinbach**[†]. “Exchange Rate Volatility and Grain Trade: A Gravity Model Analysis at the Sectoral Level,” German Association of Agricultural Economists (GEWISOLA), *Annual Conference*, Giessen, Germany
- 07/2015 **Sandro Steinbach**[†]. “Deconstructing the Diversion Effect of Agricultural Trade Remedies: Evidence for Strategic Firm Behavior?,” AAEA & WAEA Joint Annual Meeting, *Annual Meeting*, San Francisco, CA
- 07/2015 **Sandro Steinbach**[†]. “An Empirical Investigation of the Relationship between the Quality of Food and the Direction of Trade,” AAEA & WAEA Joint Annual Meeting, *Annual Meeting*, San Francisco, CA
- 07/2015 **Sandro Steinbach**[†]. “Quality of Food and the Direction of Trade: A Gravity Model Analysis at the Sectoral level,” Swiss Sociological Association, *Annual Meeting*, Bellinzona, Switzerland
- 02/2015 **Sandro Steinbach**[†]. “Bilateral Export Trade and Income Similarity: Does the Linder Hypothesis Hold for Agricultural and Food Trade?,” International European Forum, *EAAE Seminar*, Innsbruck, Austria
- 01/2015 **Sandro Steinbach**. “The Health Effects of Common Ragweed in Sweden,” Università della Svizzera Italiana, *Economics Research Seminar*, Lugano, Switzerland

- 12/2014 **Sandro Steinbach**[†]. “The Economics of Common Ragweed Invasion,” ETH Zurich, *Agroeconet Seminar*, Zurich, Switzerland
- 08/2014 Antoine Champetier de Ribes and **Sandro Steinbach**[†]. “Common Ragweed Invasion in Sweden: Impacts of the Lag Phase on Human Health,” European Association of Agricultural Economists, *14th Congress*, Ljubljana, Slovenia
- 04/2014 Antoine Champetier de Ribes and **Sandro Steinbach**[†]. “Common Ragweed Invasion in Sweden and Human Health: Preliminary Results of an Impact Assessment,” International Ragweed Conference, *13rd Conference*, Rho, Italy
- 10/2013 Ma Meilin, **Sandro Steinbach** and Junqian Wu[†]. “Trends and Drivers of Regional Specialization in China’s Agriculture,” China Agricultural Economic Review-International Food Policy Research Institute, *Annual Conference*, Wuhan, China
- 03/2013 **Sandro Steinbach**[†] and Mariusz Rybak. “Disintegration of Agricultural Trade Relations in the Former Soviet Union? – Cross-Country Evidence from Twelve Successors,” Hebrew University, *Agriculture in Transition Workshop*, Jerusalem, Israel
- 01/2013 **Sandro Steinbach**[†]. “Emerging Markets, Agricultural Trade & Canada’s Relative Performance Growing – Canada’s Agricultural Economy: The Role of Trade,” Annual Canadian Agriculture Policy Conference, *Annual Meeting*, Ottawa, Canada
- 10/2012 **Sandro Steinbach** and Mariusz Rybak[†]. “Towards a New Ottoman Empire? The Role of the Turkish Trade Integration Policies in the Balkans,” Hacettepe University, *International Neighborhood Congress*, Ankara, Turkey
- 09/2012 **Sandro Steinbach**[†] and Mariusz Rybak. “An Integrated Perspective on Agricultural Trade,” German Association of Agricultural Economists (GEWISOLA), *Annual Conference*, Stuttgart, Germany
- 08/2012 **Sandro Steinbach**[†]. “International Food Trade in the Baltic Countries. Development and Determinants of Import Trade,” Tallinn University, *Baltic Food History Conference*, Tallinn, Estonia
- 03/2012 Mariusz Rybak and **Sandro Steinbach**[†]. “Traditional Economic Relations in the Post-Soviet States – A Comparative Perspective on Export Trade in Georgia, Russia and Ukraine,” University of Craiova, *International Conference*, Craiova, Romania

Teaching and Mentorship

- Teaching University of Connecticut (08/2018 – 12/2022):
- International Trade and Policy (Bachelor/Master level, SS 2022, FS 2022)
 - Empirical International Trade and Investment (Doctoral level, SS 2021)
 - Business Finance and Investment Management (Bachelor level, FS 2019, SS 2021, SS 2022)
 - Managerial Economics and Business Strategies (Bachelor level, SS 2019, FS 2019, SS 2021, SS 2022)
 - Doctoral Dissertation Research (Doctoral level, every semester)
 - Professional Internship and Independent Study (Bachelor level, SS 2019, SS 2021, Master level, FS 2021)
- Teaching experience in Switzerland (01/2014 – 08/2018), primary instructor (Bachelor) and substitute lecturer (Master):
- University of Applied Sciences and Arts Northwestern Switzerland, Business Statistics II (Bachelor level, SS 2018)

Kalaidos University of Applied Sciences, Mathematics and Statistics (Bachelor level, SS 2018)

ETH Zurich, invited lecturer for Food and Agricultural Trade Policy (Master level, WS 2015)

ETH Zurich, invited lecturer for Food Economics (Master level, WS 2014 and WS 2015)

Novosibirsk State Agricultural University, Research Methods in Economics (Master level, WS 2010)

Mentorship

North Dakota State University:

Major Advisor (Doctoral): Yasin Yildirim (2025), Zishen Zuo (2025)

Associate Advisor (Doctoral): Sijia Chen (2024, UConn), Carol Dong (2023, UC Davis), Donghoon Kim (2023, UConn), Gabriel Kwesi Yeboah (2024, University of Urbino)

Associate Advisor (Master): Bismark Asante (2023), Annie Efeti (2023)

University of Connecticut:

Major Advisor (Doctoral): Soojung Ahn (2023), Dongin Kim (2023), Xiting Zhuang (2023)

Major Advisor (Master): Wenzhe Huang (2020), Paulina Zablotna (2021), Ce Wen (2021)

Associate Advisor (Master): Christopher Laughton (2020), Xiohan Li (2019), Kuanyue Zhao (2019)

Postdoctoral Advisor:

Stepan Gordeev (2024)

Armen Khederlarian (2021-2023, initial placement: assistant professor, tenure track, Hunter College)

Mingyang Li (2021-2022, initial placement: assistant professor, tenure track, Huazhong University of Science and Technology)

Xi He (2019-2020, initial placement: assistant professor, tenure track, Virginia Tech)

Scholarships and Awards

Scholarships

North America Program, German Academic Exchange Service (2012-2013)

Young Talents Program, Friedrich Ebert Foundation (2007-2013)

Erasmus Mobility Scholarship (2007-2008)

Academic Awards

Excellence in Research & Communication Award, Food Distribution Research Society (2021)

Junior Faculty Research Excellence Award, Institute for Collaboration on Health, Intervention, and Policy, University of Connecticut (2020)

H. A. Jastro Shields Award, Department of Agricultural and Resource Economics, University of California, Davis (2013)

Other Distinctions

Excellence in Teaching Recognition, College of Agriculture, Health and Natural Resources, University of Connecticut (2022)

NFIP Award, Office of National Scholarships & Fellowships, University of Connecticut (2021)

SHARE Summer Mentor Award, Office of Undergraduate Research, University of Connecticut (2021, 2022)

Scholarship Facilitation Award, Office of the Vice President for Research, University of Connecticut (2018, 2019, 2021)

Swiss Society for Health Economics (2016, 2018)

AAEA Trust (2016)
 Swiss Society for Agricultural Economics and Rural Sociology (2015)
 Swiss Academy of Humanities and Social Sciences (2014, 2016, 2018)
 Society for Economics and Management, Humboldt University of Berlin (2012)
 Society for Agricultural Research, Humboldt University of Berlin (2010, 2011)
 H. Wilhelm Schaumann Society (2009)
 German Academic Exchange Service (2007, 2008, 2009, 2010)

Further Activities

Academic Self-Governance	<p>Graduate Program Committee, Faculty Member, Department of Agribusiness and Applied Economics, North Dakota State University, since 03/2023</p> <p>Center for Agricultural Policy and Trade Studies, Director, Department of Agribusiness and Applied Economics, North Dakota State University, since 11/2022</p> <p>Research Assistant Professor Search Committee, Chair, Department of Agribusiness and Applied Economics, North Dakota State University, 11/2022 – 03/2023</p> <p>ARE Seminar Committee, Member, Department of Agricultural and Resource Economics, University of Connecticut, 08/2022 – 11/2022</p> <p>ARE Data Science Master Committee, Chair, Department of Agricultural and Resource Economics, University of Connecticut, 01/2022 – 11/2022</p> <p>Graduate Certificate in One Health, Faculty Mentor, University of Connecticut, 10/2021 – 11/2022</p> <p>Research Advisory Council, Member, College of Agriculture, Health and Natural Resources, University of Connecticut, 08/2020 – 11/2022</p> <p>Strategic Vision Implementation Committee, Group Leader, College of Agriculture, Health and Natural Resources, University of Connecticut, 08/2020 – 11/2022</p> <p>High Performance Computing Initiative, Co-Leader, College of Agriculture, Health and Natural Resources, University of Connecticut, 08/2019 – 11/2022</p> <p>Faculty Council, Member, Department of Agricultural and Resource Economics, University of Connecticut, 08/2018 – 10/2022</p> <p>Commencement Committee, Member, College of Agriculture, Health and Natural Resources, University of Connecticut, 08/2018 – 08/2020</p> <p>Graduate Program Committee, Co-Chair, Department of Agricultural and Resource Economics, University of Connecticut, 08/2018 – 08/2020</p> <p>Graduate Qualifying Exam Committee, Member, Department of Agricultural and Resource Economics, University of Connecticut, 08/2018 – 08/2019</p> <p>Department Head Search Committee, Member, Department of Agricultural and Resource Economics, University of Connecticut, 10/2018 – 05/2019</p>
Journal Editor	<p>Applied Economic Perspectives and Policy, Guest Editor, Special Issue: “Fields of Discord: Understanding the Intersection of Geopolitics and Agriculture” (05/2024)</p> <p>Food Policy, Guest Editor, Special Issue: “Transforming Global Agri-Food Value Chain” (06/2023)</p>

Agricultural and Resource Economics Review, Guest Editor, Special Issue: “Ecosystem Services Foundations for Resilient Communities: Agriculture, Land Use, Coasts, and Energy for Human Well-Being” (03/2022)

Journal of Food Distribution Research, Guest Editor, Special Issue: “Recent Issues in Global Food Trade” (07/2021)

Referee Services

Agribusiness (01/2020, 12/2020, 03/2022, 04/2023)
Agricultural and Resource Economics Review (09/2022, 10/2022)
Agricultural Economics (01/2019)
American Journal of Agricultural Economics (09/2021, 06/2023)
Applied Economic Perspectives and Policy (01/2019, 03/2023)
Applied Economics (06/2022, 02/2023)
Biomedical and Environmental Sciences (11/2021)
Cogent Economics and Finance (07/2022, 08/2022)
Environmental Research (08/2021)
Empirical Economics (07/2023)
Food Policy (03/2023)
International Journal of Economics (02/2021)
Journal of Agricultural Economics (06/2022)
Journal of Agricultural & Food Industrial Organization (11/2022)
Nature Communications (08/2020)
Review of International Economics (05/2023)
Quarterly Review of Economics and Finance (01/2020)
World Economy (07/2023)

Grant Review

National Institute of Food and Agriculture, Agriculture and Food Research Initiative Program (12/2021)
National Institute of Food and Agriculture, Capacity Program (02/2021, 02/2022)
National Science Foundation, Economics Program (01/2021)
National Science Foundation, EPSCoR RID Program (04/2023)
Environmental Protection Agency, STAR Program (02/2020)

Conference Organization

International Agricultural Trade Research Consortium, “Global Governance, Economic Sanctions, and Agricultural Trade,” Annual Meeting Organizer (12/2023)
International Agricultural Trade Research Consortium, “Fields of Discord: Understanding the Intersection of Geopolitics and Agriculture,” Virtual Summer Symposium Organizer (05/2023)
International Agricultural Trade Research Consortium, “Transforming Global Value Chains,” Annual Meeting Organizer (12/2022)
Northeastern Agricultural and Resource Economics Association, “Ecosystem Services Foundations for Resilient Communities: Agriculture, Land Use, Coasts and Energy for Human Well-Being,” Workshop Co-Organizer (06/2022)
Topic Leader for the International Trade Section, American Agricultural and Applied Economics Association, Annual Meeting Presentation Selection Committee (2021 – 2023)

Membership and Professional Leadership

American Economic Association (AEA)
American Agricultural and Applied Economics Association (AAEA)

European Association of Agricultural Economists (EAAE)

International Agricultural Trade Research Consortium (IATRC), U.S. Universities
Representative (funding period 2022/2024)

United States Department of Agriculture, Multistate Research Project, “S1072: U.S.
Agricultural Trade and Policy in a Dynamic Global Market Environment,” Elected Chair
(funding period 2021/2023)