

SANDRO STEINBACH

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Academic Positions and Affiliations

Assistant Professor (University of Connecticut, Department of Agricultural and Resource Economics)	2018–present
Research Affiliate (Yale University, School of Forestry and Environmental Studies)	2019–present
Research Affiliate (ETH Zurich, Department of Management, Technology, and Economics)	2018–present
Senior Research Associate (Kalaidos University of Applied Sciences, Research & Development Group)	2016–2019

Education

PhD in Economics, ETH Zurich	2014–2018
M.S. in Agricultural and Resource Economics, University of California, Davis	2012–2014
M.Sc. in Agricultural Economics, Humboldt University of Berlin	2011–2012
B.Sc. in Horticultural Sciences, Humboldt University of Berlin	2007–2011
B.Sc. in Agricultural Sciences, Humboldt University of Berlin	2006–2010

Selected Publications

Schaffner, U., S. Steinbach, Y. Sun, C. Skjoth, L. A. de Weger, S. T. Lommen, B. A. Augustinus, M. Bonini, G. Karrer, B. Sikoparija, M. Thibaudon, and H. Müller-Schärer (2020). “Biological Weed Control to Relieve Millions of Allergy Sufferers in Europe,” *Nature Communications*, 11: 1745, <https://doi.org/10.1038/s41467-020-15586-1>.

Carter, C., and S. Steinbach (2020). “Impact of the U.S.-China Trade War on California Agriculture.” *Agricultural and Resource Economics Update*, 23(3): 9–11.

Filippini, M., G. Masiero, and S. Steinbach (2019). “The Impact of Ambient Air Pollution on Hospital Admissions.” *European Journal of Health Economics*, 1–13, <https://doi.org/10.1007/s10198-019-01049-y>.

Zhu, H., A. Gupta, B. Majumder, and S. Steinbach (2018). “Short-term Effects of India’s Demonetization on the Rural Poor.” *Economics Letters*, 170: 117–121, <https://doi.org/10.1016/j.econlet.2018.05.035>.

Zingg, D., S. Steinbach, C. Kuhlitz, M. Rediger, G. Schüpbach, M. Aepli, G. M. Grøeng, and S. Dürr (2017). “Epidemiological and Economic Evaluation of Alternative On-Farm Management Scenarios for Ovine Footrot in Switzerland.” *Frontiers in Veterinary Science*, 4: 70, <https://doi.org/10.3389/fvets.2017.00070>.

Rybak, M., and S. Steinbach (2014). “The Impact of the Soviet Legacy on Agri-Food Trade in the Former Soviet Union.” in: *Agricultural Transition in Post-Soviet Europe and Central Asia after 25 Years*, pp. 189–210, Editors: A. Kimhi and Z. Lerman.

Ma, M., S. Steinbach, and J. Wu (2014). “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.

Carter, C., and S. Steinbach (2013). “China’s Growing Role in Agricultural Trade.” *Agricultural and Resource Economics Update*, 17(1): 9–11.

Steinbach, S. (2012). “Soviet Heritage and Post-Soviet Economic Integration: Ukrainian Export Trade Patterns Reviewed.” *Journal of Eurasian Studies*, 4(4): 96–113.

Selected Work in Progress

Carter, C., J. Dong and S. Steinbach (2020). “U.S.-China Trade War, Mitigation Payments & California Agriculture.” *Agricultural and Resource Economics Update*, forthcoming.

Carter, C. and S. Steinbach (2020). “The Impact of Retaliatory Tariffs on Agricultural and Food Trade.” *NBER Working Paper*, 27174.

Steinbach, S. (2020). “The Health Impact of Ragweed Allergies in Sweden.” *Journal of Environmental Economics and Management*, reject and resubmit.

- Masiero, G., F. Mazzonna, S. Steinbach (2020). “Happy pills? Mental Health Effects of the Dramatic Increase of Antidepressant Use.” *IZA Discussion Papers*, forthcoming.
- Masiero, G., F. Mazzonna, S. Steinbach, and O. Verbeek (2019). “The Effect of Local Growth in Antidepressant Consumption on Mental Health Outcomes.” *IdEP Economic Papers*, 1902.
- Carter, C. and S. Steinbach (2018). “Trade Diversion and the Initiation Effect: A Case Study of U.S. Trade Remedies in Agriculture.” *NBER Working Paper*, 24745.

Selected Grants

Own Research Grants

- Economic Research Service, United States Department of Agriculture. “Measuring the Impact of Dollar Stores Expansion on Food Retail Competition and Employment in Rural America,” with R. Lopez, Principal Investigator (USD 28,500) 2020–2022
- National Institute of Food and Agriculture, United States Department of Agriculture. “The Impact of Foreign Direct Investment on Agriculture in the United States,” with S. Corredor, Principal Investigator (USD 499,945) 2020–2024
- Office of the Vice President for Research, University of Connecticut. “Non-Occupational Pesticide Exposure and the Academic Performance of Children and Teenagers,” with D. Brugge and E. Loken, Principal Investigator (USD 50,000) 2020–2022
- Institute for Collaboration on Health, Intervention, and Policy, University of Connecticut. “Non-Occupational Pesticide Exposure and Academic Achievements of Children and Adolescents,” with D. Brugge and E. Loken, Principal Investigator (USD 15,000) 2020–2022
- National Institute of Food and Agriculture, United States Department of Agriculture. “Foreign Direct Investment in the U.S. Food Industry,” with S. Corredor, Principal Investigator (USD 89,689) 2019–2022
- National Institute of Food and Agriculture, United States Department of Agriculture, “The Impact of Trade Disputes on U.S. Agriculture: Data-Driven Approaches for Counterfactual Measurement,” with C. Carter, Principal Investigator (USD 485,528) 2019–2023
- MAVA Foundation. “The Role of Agricultural Privileges for Farming Incomes in Switzerland,” with F. Schläpfer, Principal Investigator (CHF 22,000) 2017–2018
- Swiss Federal Food Safety and Veterinary Office and ETH Zurich. “Cost-Benefit Analysis of Footrot Management in Switzerland,” Principal Investigator (CHF 60,000) 2017–2018
- Swiss Federal Office for Agriculture. “Sustainable Pesticide Use and Input Efficiency in Swiss Horticulture,” with T. Geissmann, Principal Investigator (CHF 127,000) 2016–2018
- Swiss Federal Food Safety and Veterinary Office and Swiss Federal Office for Agriculture. “Economic Impact Evaluation of Footrot Management in Switzerland,” with M. Aepli, C. Härdi-Landerer, R. Lüchinger, G. Schüpbach, Co-Principal Investigator (CHF 283,000) 2015–2016
- Swiss National Science Foundation. “Economic Impact Evaluation of Integrated Ragweed Management,” with M. Filippini, Co-Principal Investigator (CHF 167,000) 2014–2017

Joint Research Grants

- National Institute of Food and Agriculture, United States Department of Agriculture. “Workshop on Ecosystem Services Foundations for Resilient Communities: Agriculture, Land Use, Coasts and Energy for Human Well-Being,” with C. Towe and S. Swallow, Co-Principal Investigator (USD 50,000) 2021–2022
- Giannini Foundation of Agricultural Economics. “Impact of the U.S.-China Trade War on California Agriculture,” with C. Carter, Co-Principal Investigator (USD 29,932) 2020–2021
- Economic Research Service, United States Department of Agriculture. “Supporting Research on Ecosystem Service Valuation,” with C. Towe and S. Swallow, Co-Principal Investigator (USD 25,000) 2019–2022
- Eversource Energy Service. “Protecting Critical Infrastructure from UAV Threats – Developing New Options for UAV Detection,” with C. Witharana, Co-Principal Investigator (USD 411,178) 2019–2022
- Swiss National Science Foundation. “The Effect of Network Accuracy and Risk Categorization on Dynamic Network Models,” with S. Dürr, Project Partner (CHF 487,910) 2019–2022
- Swiss National Science Foundation. “An Economic Analysis of Antidepressant Use,” with F. Mazzonna et al., Investigator (CHF 213,000) 2015–2018
- Federal Office for the Environment. “Impact Assessment of River Restoration in Switzerland,” with M. Baggio, Investigator (CHF 155,000) 2015–2018
- Economic Research Service, United States Department of Agriculture. “Implications of Trade Remedy Laws in Agriculture,” with C. Carter, Investigator (USD 20,000) 2013–2014

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: InCHIP Junior Faculty Research Excellence Award (University of Connecticut, 2020), H. A. Jastro Shields Award (UC Davis, 2013)

Travel Awards: 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 at Humboldt University of Berlin (2012), Society for Agricultural Research at Humboldt University of Berlin (2010, 2011), H. Wilhelm Schaumann Society (2009), German Academic Exchange Service (2007, 2008, 2009, 2010)

Teaching Experience

Business Finance in Food and Resource Industries (Bachelor level), University of Connecticut	2019
Business Strategies and Policy in Food Industries (Bachelor level), University of Connecticut	2019
Business Statistics II (Bachelor level), University of Applied Sciences FHNW	2018
Mathematics and Statistics (Bachelor level), Kalaidos University of Applied Sciences	2018
Food and Agricultural Trade Policy (Master level, Invited Lecturer), ETH Zurich	2015
Food Economics (Master level, Invited Lecturer), ETH Zurich	2014–2015
Teaching Assistant for World Food Systems (Bachelor level), ETH Zurich	2013–2015
Teaching Assistant for Agricultural Business (Bachelor level), University of California, Davis	2012–2013
Research Methods in Economics (Master level), Novosibirsk State Agricultural University	2010
Teaching Assistant for Principles of Economics, Econometrics, Open Economy Macroeconomics and International Agricultural Trade, and Statistics (Bachelor and Master level), Humboldt University of Berlin	2008–2012
Advanced Teaching Certificate Training in Agricultural Sciences, ETH Zurich	2016–2018
Graduate Teaching Training at Humboldt University of Berlin (2009, 2010) and University of California, Davis (2012)	

Conference Activities and Seminar Presentations

ASSA Annual Meeting (virtual, scheduled), UConn ARE Seminar (virtual, scheduled)	2021
UConn ARE Seminar (Storrs), URI Seminar (Kingston, deferred), NBER Trade Workshop (virtual), NAREA Annual Meeting (virtual), AERE Summer Meeting (virtual), ETH Zurich Econ Seminar (Zurich, deferred), AAEA Annual Meeting (virtual), GMU Seminar (Fairfax City, deferred), U Pittsburgh Econ Seminar (virtual), UC Berkeley ARE Seminar (virtual), IATRC Annual Meeting (Washington)	2020
UConn ARE Seminar (Storrs), Mental Health Workshop (Essen), AAEA Annual Meeting (Atlanta)	2019
UCONN ARE Seminar (Storrs), SSA Annual Meeting (Gränichen), NBER Trade Workshop (Cambridge), ICA (Parma), ESA Annual Meeting (Vancouver)	2018
iHEA Congress (Boston), SSA Annual Meeting (Chur)	2017
AIES Annual Conference (Bologna), SSPH+ Doctoral Workshop (Zurich), SMARTER Conference (Vianden), AAEA Annual Meeting (Boston), EUHEA Conference (Hamburg), CRISP Health Econometrics Workshop (Bari), Agricultural Economics Research Seminar (Tbilisi)	2016
GEWISOLA Conference (Giessen), AAEA & WAEA Joint Annual Meeting (San Francisco), SSA Annual Meeting (Bellinzona), EAAE Seminar (Innsbruck), Economics Research Seminar (Lugano)	2015
Agroconet Seminar (Zurich), EAAE Congress (Ljubljana), International Ragweed Conference (Rho)	2014
CAER-IFPRI Annual Conference (Wuhan), Agriculture in Transition Workshop (Jerusalem), Third Annual Canadian Agriculture Policy Conference (Ottawa)	2013
International Neighborhood Congress (Ankara), GEWISOLA Conference (Stuttgart), Baltic Food History Conference (Tallinn), International Conference (Craiova)	2012