
Daniel Scheitrum, PhD

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Employment

2026-PRESENT	ASSOCIATE PROFESSOR Department of Agribusiness, California Polytechnic State University, San Luis Obispo
2022-2026	ASSISTANT PROFESSOR Department of Agribusiness, California Polytechnic State University, San Luis Obispo
2017-2022	ASSISTANT PROFESSOR Department of Agricultural and Resource Economics, The University of Arizona
2011-2016	PRINCIPAL Schmidt Associates, Walnut Creek, CA
2010-2011	SENIOR ASSOCIATE Berkeley Research Group, Emeryville, CA
2007-2009	RESEARCH ASSOCIATE Finance Scholars Group, Orinda, CA

Education

PHD	2017	UNIVERSITY OF CALIFORNIA, DAVIS <i>Doctor of Philosophy in Agricultural and Resource Economics</i>
BA	2007	UNIVERSITY OF CALIFORNIA, SANTA BARBARA <i>Bachelor of Arts in Mathematics/Economics, Honors and Distinction in the Major</i>
AS	2007	FOOTHILL COLLEGE, LOS ALTOS HILLS, CA <i>Associate of Science in Computer Science, Scholar Athlete: Water Polo</i>

Peer-reviewed Publications

Saitone, T. L., Schaefer, K. A., **Scheitrum, D.**, Arita, S., Breneman, V., & Nemec Boehm, R. "The effects of US poultry industry consolidation on employee productivity and labor costs." *Food Policy* 142 (2026): 103080.

Scheitrum, D. and Schaefer, K.A. (2025) Did brexiteers get what they voted for? Evidence from the housing market. *Applied Economics Letters*, 1-5.

Saitone, T. L., Schaefer, K. A., **Scheitrum, D.**, Arita, S., Breneman, V., and Nemec Boehm, R., (2025) Consolidation, productivity, and downstream prices in the US poultry industry. *Agricultural and Resource Economics Review*, 54, 157–178.

Nes, K. , Gammans, M., Schaefer, K.A., and **Scheitrum, D.** (2024) Extreme Weather Events, Climate Expectations, and Agricultural Export Dynamics. *American Journal of Agricultural Economics*, 107 (3), 826-845.

Fishman, J., Schaefer, K.A., **Scheitrum, D.**, Robertson, C.T., and Albarracin, D. (2024) Common measures of vaccination intention generate substantially different estimates that can reduce predictive validity. *Scientific Reports* 14, 22843 (2024).

Saitone, T. L., Schaefer, K. A., **Scheitrum, D.**, Arita, S., Breneman, V., Nemec Boehm, R., & Maples, J. G. (2023). Consolidation and Concentration in US Meat Processing: Updated Measures Using Plant-Level Data. *Review of Industrial Organization*, 1-22.

Scheitrum, D., Schaefer, K.A., and Saitone, T. (2023) "Food Retailer Response to Price Gouging Litigation." *Applied Economic Perspectives and Policy* 45.4 (2023): 2127-2140.

Scheitrum, D., Schaefer, K.A., and van Winden, S. (2022) "Moral Hazard in the British Bovine Tuberculosis Control Program." *European Review of Agricultural Economics* 50.2 (2023): 624-654.

- Fishman, J., Salmon, M., **Scheitrum, D.**, Schaefer K.A., and Robertson C.T. (2022) "Comparative Effectiveness of Mandates and Financial Policies Targeting COVID-19 Vaccine Hesitancy: A Randomized, Controlled Survey Experiment" *Vaccine*: 40 (51), 7451-7459.
- Saitone, T. , Schaefer, K.A., and **Scheitrum, D.** (2022)"Leveraging Meatpacking Ownership Concentration and Community Centrality to Improve Disease Resiliency." *Frontiers in Sustainable Food Systems*, 350.
- Nes, K. , Schaefer, K.A., and **Scheitrum, D.** "Global Food Trade and the Costs of Non-Adoption of Genetic Engineering." *American Journal of Agricultural Economics*, (2022): 104 (1), 70-91.
- Janzen, J.P., Malone, T., Schaefer, K.A. and **Scheitrum, D.** (2021) "Political returns to ad hoc farm payments?" *Applied Economic Perspectives and Policy* 45.1 (2023): 555-578.
- Schaefer, K.A., **Scheitrum, D.**, and van Winden, S. "Returns on investment to the British bovine tuberculosis control programme." (2021). *Journal of Agricultural Economics*: 73 (2), 472-489.
- Lacy, K., Schaefer, K.A., **Scheitrum, D.**, and Klein, E. "The Economic Value of Genetically Engineered Mosquitoes as a Malaria Control Strategy Depends on Local Transmission Rates." (2021). *Biotechnology*, 2100373.
- Robertson C.T., Schaefer K.A., Malone T., and **Scheitrum, D.** (2021) "Are Vaccine Lotteries Worth the Money?" *Economics Letters*, 209, 110097.
- Scheitrum, D.** and Schaefer, K.A. "Farm Animal Enclosure Requirements and Industry Concentration." (2021). *Frontiers in Animal Science*, 50.
- Robertson C.T., **Scheitrum, D.**, Schaefer K.A., Malone T., McFadden B., Ferraro P., and Messer K. (2021) "Paying Americans to Take the Vaccine—Would it Help or Backfire?" *Journal of Law and the Biosciences*, 8 (2), Isab027.
- Saitone, T. , Schaefer, K.A., and **Scheitrum, D.** "COVID-19 Morbidity and Mortality in U.S. Meatpacking Counties." *Food Policy*, 101 (2021): 102072.
- Carter, C. A., Schaefer, K.A. and **Scheitrum, D.** "Piecemeal Farm Regulation and the U.S. Commerce Clause." *American Journal of Agricultural Economics*, (2021): 103 (3), 1141-1163.
- Robertson, C.T., Schaefer, K.A., **Scheitrum, D.**, Puig, S., & Joiner, K.A. "Indemnifying Precaution: Economic Insights for Regulation of a Highly Infectious Disease." *Journal of Law and the Biosciences*, 7 (1) (2020): 20-24.
- Scheitrum, D.**, Schaefer, K.A. and Nes, K. "Realized and Potential Global Production Effects from Genetic Engineering." *Food Policy*, (2020): 101882.
- Carter, C. A., Schaefer, K.A. and **Scheitrum, D.** "Raising Cane: Hedging Calamity in Australian Sugar." *Journal of Commodity Markets*, (2020): 100126.
- Schaefer, K.A. and **Scheitrum, D.** "Sewing Terror: Price Dynamics of the Strawberry Needle Crisis." *The Australian Journal of Agricultural and Resource Economics*, 64 (2) (2020): 229-243.
- Scheitrum, D.** "Impact of Intensity Standards on Alternative Fuel Adoption: Renewable Natural Gas and California's Low Carbon Fuel Standard." *The Energy Journal*, 41 (2) (2020).
- Zuo, N., Josephson, A., and **Scheitrum, D.** "Engaging Students in Global Agriculture: Three Authentic-Learning Classroom Interventions." *NACTA Journal* 63, no. 1A (2019): 99-107.
- Schaefer, K.A., **Scheitrum, D.**, and Nes, K. "International Sourcing Decisions in the Wake of a Food Scandal." *Food Policy*, 81 (2018): 48-57.
- Scheitrum, D.**, Carter, C. A., and Revoredo-Giha, C. "WTI and Brent Futures Pricing Structure." *Energy Economics* 72 (2018): 462-469.
- Ogden, J., Jaffe, A.M., **Scheitrum, D.**, McDonald, Z., Miller, M. "Natural Gas as a Bridge to Hydrogen Transportation Fuel," *Energy Policy*, 115 (2018): 317-329.
- Parker, N., Williams, R., Dominguez-Faus, R., and **Scheitrum, D.** "Renewable Natural Gas in California: An Assessment of the Technical and Economic Potential," *Energy Policy*, 111 (2017): 235-245.
- Scheitrum, D.**, Jaffe, A.M., Dominguez-Faus, R., and Parker, N. "California Low Carbon Fuel Policies and Natural Gas Fueling Infrastructure: Synergies and Challenges to Expanding the use of RNG in Transportation," *Energy Policy* 110 (2017): 355-364.

Fan, Y., Lee, A., Parker, N., **Scheitrum, D.**, Jaffe, A.M., Dominguez-Faus, R., and Medlock, K. "Geospatial, temporal and economic analysis of alternative fuel infrastructure: The case of freight and U.S. natural gas markets." *The Energy Journal* 38 (6) (2017).

Scheitrum, D., Carter, C. A., and Jaffe, A. M. "Testing Substitution between Private and Public Storage in the U.S. Oil Market: A Study on the U.S. Strategic Petroleum Reserve." *Energy Economics* 64 (2017): 483-493.

Other Publications and Reports

McCullough, **Scheitrum, D.**, Hamilton, L. "Local Regulations, Market Power, and the Evolution of the CA Cannabis Industry." Final Report. 2026.

Scheitrum, D., "U.S. Bell Pepper Supply." Report. 2022.

Scheitrum, D., "U.S. Cucumber Supply." Report. 2022.

Saitone T., Schaefer K.A., and **Scheitrum D.** (2021). "COVID-19 Transmission in Meatpacking Plants in the United States." *ARE Update* 24(5): 9-11.

Aradhyula, S., Chin, E., Duval, D., **Scheitrum, D.**, Thompson, G., and Tronstad, R. "Impact of COVID-19 Pandemic on Fresh Tomato Shipments and Prices." Report. 2021.

Scheitrum, D., "Examining Agricultural Support and Subsidies in the U.S. and Mexico." Report.

Jaffe, A. M., and **Scheitrum, D.**, "Voluntary emissions reduction: How the US can stay in Paris Agreement." *The-Hill.com*, April 1, 2019.

Jaffe, A. M., and **Scheitrum, D.**, "The Trump Affordable Clean Energy Policy: Deciphering Emissions Math." *Council on Foreign Relations Blog*. August 30, 2018.

Jaffe, A. M., Dominguez-Faus, R., Ogden, J., Parker, N., **Scheitrum, D.**, McDonald, Z., Fan, Y., Durbin, T., Karavalakis, G., Wilcock, J., Miller, M., and Yang, C. "The Potential to Build Current Natural Gas Infrastructure to Accommodate the Future Conversion to Near-Zero Transportation Technology." *California Air Resources Board Report*, Contract No. 14-317. March, 2017.

Scheitrum, D., Jaffe, A. M., and Fulton, L. "Changing Oil Market Fundamentals and the Implications for OPEC Production Strategy." *IAEE Energy Forum*, Bergen Special Issue 2016.

Jaffe, A. M., Dominguez-Faus, R., Parker, N., **Scheitrum, D.**, Wilcock, J., and Miller, M. "Final Report of The Feasibility of Renewable Natural Gas as a Large-Scale, Low Carbon Substitute." *California Air Resources Board Report*, Contract No. 13-307. June, 2016.

Jaffe, A. M., Dominguez-Faus, R., Lee, A., Medlock, K., Parker, N., **Scheitrum, D.**, Burke, A., Zhao, H., and Fan, Y. 2015. "Exploring the Role of Natural Gas in U.S. Trucking." *University of California, Davis. Institute of Transportation Studies White Paper*.

Grants

2025: USDA Cooperative Agreement (Co-I: \$80,232)
2024: USDA Cooperative Agreement (PI: \$220,000)
2023: CSU ARI (PI: \$39,956)
2023: CSU ARI (Co-I: \$96,956)
2023: California Cannabis Commission (Co-I: \$444,643)
2021: USDA Cooperative Agreement (Co-I: \$250,000)
2021: Fresh Produce Association of the Americas (PI: \$9,900)
2020: Fresh Produce Association of the Americas (PI: \$9,953)
2020: Consejo Nacional de Ciencia y Tecnologia (Co-I: \$30,609)
2019: Fresh Produce Association of the Americas (PI: \$9,876)
2018: California Air Resources Board (Sub-award: \$28,265)
2017: University of Arizona TRIF Water, Environmental and Energy Solutions Program Grant (Internal: \$5,000)

Teaching

Cal Poly SLO, AGB 470: Commodity Markets
Cal Poly SLO, AGB 411: Risk Management
Cal Poly SLO, AGB 308: Introduction to Agribusiness Finance
Cal Poly SLO, AGB 310: Agribusiness Credit and Finance
Cal Poly SLO, AGB 312: Agricultural Policy
UC Davis, ARE 139: Introduction to Futures Markets
University of Arizona, AREC 210: Understanding the World of Commerce
University of Arizona, AREC 313: Economics of Futures Markets
University of Arizona, AREC 504: Production Economics
University of Arizona, AREC 513: Consumption Economics
University of Arizona, AREC 580: Mathematics for Economists

Awards

Outstanding AEPP Article 2024
Departmental Outstanding Faculty Award 2024
ExxonMobil Fellow 2014-2015

Presentations

- 2026:** Australasian Agricultural and Resource Economics Society Annual Meeting, Adelaide, Australia
- 2025:** Australasian Agricultural and Resource Economics Society Annual Meeting, Brisbane, Australia
- 2024:** International Conference of Agricultural Economists–New Delhi, India; Australian National University–Canberra, Australia
- 2023:** USDA, Washington, D.C.; European Commission–Seville, Spain; University of London–Royal Veterinary College; University of Canterbury–Christchurch, NZ
- 2022:** University of Arizona Law School; Agricultural Economics Society Conference
- 2021:** Yale Law School; Australian Agricultural and Resource Economics Society; International Consortium on Applied Bioeconomy Research; AAEA Annual Meeting
- 2020:** Arizona State University; University of Arizona; Michigan State University; UC Davis
- 2019:** Leibniz University–Hannover; Université Paris-Dauphine; University of London–Royal Veterinary College; International Consortium on Applied Bioeconomy Research–Ravello, Italy, AAEA Annual Meeting; University of Arizona
- 2018:** Gas, Oil, and Petroleum Engineering Conference; AAEA Annual Meeting; USAEE Annual Conference
- 2017:** University of Arizona; Renewable Natural Gas Coalition Annual Conference
- 2016:** Alberta Climate Summit; AAEA Annual Meeting; California Air Resources Board; Energy and Commodity Finance Conference; IAEE International Conference; UC Davis Institute for Transportation Studies; ExxonMobil
- 2015:** Westport Innovations; Volkswagen Group of America
- 2014:** California Energy Commission

Service

University Graduation Writing Requirement Committee Member 2024
AGB Community College Outreach Chair 2024
AGB Faculty Awards Committee 2024
AGB Assessment Committee 2024
AGB Staff Search 2024
AGB Staff Search 2023
CAFES FFA Competition Chair 2023-2024
AAEA Australasia Section President, 2022-24
AARES North America Branch President, 2022-24
AGB Faculty Search Committee Member, 2022-23
UA AREC Departmental Search Committee, 2022
AAEA Nominating Committee Member, 2021-2024
AAEA Australasia Section President-Elect, Secretary, Treasurer, 2021
AARES North America Branch Secretary, Treasurer, 2021
Departmental Search Committee, 2021
UA CALS Faculty Council, 2021
Departmental Diversity, Equity, & Inclusion Committee, 2020, 2021
USAEF President's Advisory Council, 2020
Departmental Merit Committee, 2019, 2020
USAEF Membership Committee, 2019, 2020, 2021 (chair)
RNG Coalition Scholarship Advisory Board, 2019
AAEA Annual Meeting Abstract Reviewer, 2019, 2020, 2021
University Renewable Energy Advisory Committee, 2018
Systems and Industrial Engineering, Faculty Search Committee, 2018
Departmental Curriculum Committee, 2018
Board Member, Old Pueblo Water Polo Club, a 501(c)3 non-profit, 2018-2022

Referee: *American Economic Review: Insights, The Energy Journal, The Canadian Journal of Economics, Energy Economics, Journal of Commodity Markets, Agricultural and Resource Economics Review, Applied Economic Perspectives and Policy, American Journal of Agricultural Economics, Food Policy, Journal of Agricultural and Resource Economics, Sustainability, Journal of Agricultural and Applied Economics, Preventative Veterinary Medicine, Natural Hazards, European Review of Agricultural Economics*