

## Curriculum Vitae for Dan Scheitrum, PhD

**Date Prepared:** January 21, 2022



*PhD Economist with over fifteen years of experience calculating economic damages for litigation. Testified at deposition, arbitration, and trial for both plaintiff and defense clients. Performs estimates of economic loss in personal injury, medical malpractice, wrongful death, and wrongful termination. Specializes in large data analysis for class actions and antitrust disputes. Worked at various litigation consulting firms providing insight on the calculation of economic damages in hundreds of disputes in the U.S. and internationally. Currently a university professor in Arizona.*

### Employment

2022-Present    Economist  
LCPMD, LLC, Tampa, FL

2019-Present    Founder and Economic Consultant  
Scheitrum Consulting, Tucson, AZ

2017-Present    Assistant Professor  
Dept 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  
*Doctor of Philosophy in Agricultural and Resource Economics*

BA      2007    UNIVERSITY OF CALIFORNIA, SANTA BARBARA  
*Bachelor of Arts in Mathematics/Economics, Honors and Distinction in the Major*

AS      2007    FOOTHILL COLLEGE, LOS ALTOS HILLS, CA  
*Associate of Science in Computer Science, Scholar Athlete: Water Polo*

## Peer-reviewed Publications

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 (accepted, forthcoming)*.

Janzen, J.P., Malone, T., Schaefer, K.A. and **Scheitrum, D.** (2021) “Political returns to ad hoc farm payments?” *Applied Economic Perspectives and Policy (accepted, forthcoming)*.

Robertson C.T., Schaefer K.A., Malone T., and **Scheitrum, D.** (2021) “Are Vaccine Lotteries Worth the Money?” *Economics Letters (accepted, forthcoming)*.

Schaefer, K.A., **Scheitrum, D.**, and van Winden, S. “Herd Movement Restrictions and Endemic Animal Disease.” (2021). *Journal of Agricultural Economics (accepted, forthcoming)*.

**Scheitrum, D.** and Schaefer, K.A. “Farm Animal Enclosure Requirements and Industry Concentration.” (2021). *Frontiers in Animal Science (accepted, forthcoming)*.

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 (accepted, forthcoming)*.

Saitone, T., Schaefer, K.A., and **Scheitrum, D.** “COVID-19 Morbidity and Mortality in U.S. Meatpacking Counties.” *Food Policy*, 101 (2021): 102072.

Nes, K., Schaefer, K.A., and **Scheitrum, D.** (2021) “Global Food Trade and the Costs of Non-Adoption of Genetic Engineering.” *American Journal of Agricultural Economics*, (accepted, in press).

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

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.

**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.” TheHill.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 and Awards

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)

2015: ExxonMobil Fellow 2014-2015 (Award: \$1,000)

## Presentations

**2021:** 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, Yale Law School

**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

AAEA Nominating Committee Member, 2021

AAEA Australasia Section President-Elect, Secretary, Treasurer, 2021

AARES North America Branch Secretary, Treasurer, 2021

UA CALS Faculty Council, 2021

USAEE President's Advisory Council, 2020

USAEE Membership Committee, 2019, 2020, 2021 (chair)

RNG Coalition Scholarship Advisory Board, 2019

AAEA Annual Meeting Abstract Reviewer, 2019, 2020, 2021

Board Member, Old Pueblo Water Polo Club, a 501(c)3 non-profit, 2018–2021

**Referee:** *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*