

Lilyan Estela Fulginiti
307B H. C. Filley Hall
Department of Agricultural Economics
University of Nebraska
Lincoln, Nebraska 68583-0922
(402) 730-3765 (O)
(402) 489-5306 (H)
lfulginiti@unl.edu
<https://agecon.unl.edu/faculty/lilyan-fulginiti>

EDUCATION:

1987 Ph.D. North Carolina State University, Raleigh, NC.
1980 M.A. Economics, University of Pennsylvania, Philadelphia, PA.
1978 Licenciada en Economía. Universidad Nacional del Nordeste, Argentina.

FIELDS OF INTEREST:

Agricultural Production/Policy
International Agricultural Development
Applied Microeconomics

EXPERIENCE:

2019-present: Fellow, Yeutter Institute of International Trade and Finance, University of Nebraska, Lincoln.
2018-present: Judith and Roy Frederick Professor of Agricultural Economics, University of Nebraska, Lincoln
2014-present: Fellow, Daugherty Water for Food Institute, University of Nebraska, Lincoln.
October 2007: Visiting Scholar, University of Viçosa, Brazil.
January 2006-July 2006: Visiting Professor, University of California, Davis.
July 1999-present: Professor, University of Nebraska-Lincoln, Dept. of Agricultural Economics.

September 1996 - June 1999: Associate Professor, University of Nebraska-Lincoln, Dept. of Agricultural Economics.

June 1998: Visiting Scholar, Universidad de Oviedo, Spain.

June 1997-August 1997: Visiting Scholar, Universidad Nacional del Nordeste, Argentina.

April 1994 - August 1996: Associate Professor, Iowa State University, Dept. of Economics.

June 1989 - June 1994: Assistant Professor, Iowa State University, Dept. of Economics.

April 1987 - October 1988: Economist, World Bank, Washington DC.
Participant in the project "Political Economy of Agricultural Pricing Policies."

July 1985 - December 1986: Research Associate, North Carolina State University, Department of Economics and Business, Raleigh, NC. Worked on the design of an econometric model of NC agricultural sector.

August 1984 - May 1985: Instructor, North Carolina State University, Department of Economics and Business, Raleigh, NC. Responsible for EB/ST 350, Economics and Business Statistics.

January 1983 - May 1984: Graduate Teaching Assistant, North Carolina State University, Department of Economics and Business, Raleigh, NC. Assistant in Macroeconomics and Microeconomics.

March 1978 - July 1979: Assistant Professor, Facultad de Ciencias Economicas, Universidad Nacional del Nordeste, Resistencia, Chaco, Argentina.

January 1978 - July 1979: Economist, Banco de la Provincia del Chaco, Resistencia, Chaco, Argentina. Responsible for project evaluation and selection. Liaison officer between the Bank and cooperatives of cotton growers.

COURSES TAUGHT

ENSC 230: Energy and the Environment: Economics and Policy, undergraduate, core for energy science minor, 2009-present.

UHON395: Carbonomics: Can Biofuels Save the World? undergraduate honors seminar, University of Nebraska Honor's Program, 2008.

ECON 923/AECN 901E: Microfoundations of Economic Growth and Development I, graduate, University of Nebraska, 1997-present.

AECN 902E: Microfoundations of Economic Growth and Development II, graduate, University of Nebraska, 1998-present.

AECN 901A: Economics of Production and Supply I, graduate, University of Nebraska, 1996-present.

AECN 902A: Economics of Production and Supply II, graduate, University of Nebraska, 1997-present.

AECN 901E: International Agricultural Trade, graduate, University of Nebraska, 1998-2015.

ECON 555: International Economics, graduate, Iowa State University, 1993-1996.

ECON 585: Economic Development, graduate, Iowa State University, 1994-1996.

ECON 302: Monetary and Macroeconomics, undergraduate, Iowa State University, 1990-1993.

EB/ST 350: Economics and Business Statistics, undergraduate, North Carolina State University, 1984-1985.

New Methods in Applied Microeconomics, graduate, Universidad Nacional del Nordeste, Argentina, 1998.

OTHER PROFESSIONAL ACTIVITIES AND HONORS:

Quality of Communication Award Committee, Agricultural and Applied Economics Association, 2023, 2024, 2025 (Chair).

AAEA Distinguish Teaching Award with ten or more years graduate teaching Committee, Agricultural and Applied Economics Association, 2023.

Omtvedt Innovation Award for research, IANR, University of Nebraska-Lincoln, 2022.

AAEA Distinguished Teaching Award with ten or more years graduate teaching, 2020.

Associate Editor (successive editors-in-chief: Knox Lovell, Robin Sickles, William Green, Robert Chambers) with responsibility over Agricultural Economics submissions, *Journal of Productivity Analysis*, 2010 - present.

Fellow, Yeutter Institute of International Trade and Finance, University of Nebraska-Lincoln, 2019.

Frederick Professorship in Agricultural Economics, 2018, University of Nebraska, Lincoln.

Darrell W. Nelson Excellence in Graduate Student Advising Award, 2017.

Best Journal Article Award, 2015, International Association of Agricultural Economists.

Dean's Award for Excellence in Graduate Education, Graduate Studies, University of Nebraska-Lincoln, 2015.

USDA External Review Committee, Agricultural Productivity Accounts, 2013-2015.

Fellow and member of the Faculty Advisory Board, Daugherty Water for Food International Center, University of Nebraska, 2012.

Founding member of the International Society of Efficiency and Productivity Analysis.

Editorial Board, *Journal of Productivity Analysis*, 2012-present.

Guest editor, *Journal of Productivity Analysis*, Essays in Honor of Catherine Morrison-Paul, 2012.

Associate Editor, *Journal of International Agricultural Trade and Development*, 2004 - 2015.

Editorial Council, *Journal of Agricultural and Resource Economics*, 1998-2006, 2011- 2016.

Editorial Board, *Global Food Security*, 2011- 2016.

Associate Editor *American Journal of Agricultural Economics*, 2000-2005.

Graduate Student Faculty Award, Department of Agricultural Economics, UNL, 2002, 2015.

Best Journal Article Award Selection Committee, American Agricultural Economics Association, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2008, 2012, 2017.

Quality of Research Discovery Award Selection Committee, American Agricultural Economics Association, 2003, 2004, 2005, 2006, 2009, 2010, 2011 (Chair), 2019.

Best Journal Article Award Selection Committee, Western Agricultural Economics Association, 1998, 1999, 2000, 2001, 2002, 2003.

Best Poster Award Committee, International Association of Agricultural Economists, 2006, 2009, 2018.

Research Fellow, Northern Plains and Rockies Center for the Study of Western Hemisphere Trade at Montana State University.

Selected Papers Committee, American Agricultural Economics Association, 1998, 1999, 2001, 2003, 2005-2009, 2011-2012, 2015, 2019.

Selected Posters Committee, International Association of Agricultural Economists, 1997, 2002, 2006.

Session organizer (by invitation of the president) Southern Economics Association Annual Meetings, Baltimore, 1998.

Evaluation panel of worldwide research on “Measuring Benefits on Policy-Oriented Social Science.” Research organized by the International Food Policy Research Institute.

Recipient of a Rockefeller Foundation Travel Grant for the meetings of the International Association of Agricultural Economists, Buenos Aires, 1988.

Graduate Student Certificate for Outstanding Teaching, April 1985, North Carolina State University.

Omicron Delta Epsilon, Honor Society in Economics, April 1983.

Gamma Sigma Delta, The Honor Society of Agriculture, April 1983.

Recipient of an American Association of University Women International Fellowship, August 1983 - August 1984.

Recipient of an Organization of American States Fellowship, January 1981 - January 1983.

Recipient of a Rotary Foundation Educational Award, June 1979 - May 1980.

Recipient of a Gold Medal Award for the highest GPA since foundation of the Facultad de Ciencias Economicas, Universidad Nacional del Nordeste, March 1978.

Member of the American Economic Association.

Member of the Agricultural and Applied Economics Association.

Member of the International Association of Agricultural Economists.

Member of the Western Agricultural Economics Association.

Member of the Australian Agricultural Economics Association.

Member of the European Workshop on Efficiency and Productivity Analysis

Member of the North American Productivity Workshop

Founding member International Society of Efficiency and Productivity Analysis

Member of the International Consortium on Applied Bioeconomy Research

GRANTS:

UNL Grand Challenges. *Community Climate Resilience on the Great Plains*. \$8 Million, Sept 2024-August 2028, not funded.

UNL Grand Challenges. *Community Climate Resilience on the Great Plains*. Planning grant, \$80,000, Sept 2023-August 2024, funded.

NE Corn Board. *Connecting Science and Policy*, \$100,000, July 2023-June 2025, funded.

NE Soybean Board. *Sustainable Beef Production*, \$100,000, Oct 2023-Sept 2025, funded.

Chilean National Research Agency (Agencia Nacional de Investigacion y Desarrollo). *Challenges due to reforms of water markets in a climate crisis scenario*. \$35,000, Jan 2024-Dec 2024, funded.

Daugherty Water for Food Global Institute, graduate student grant, \$18,000, July 2023-June 2024.

Department of Defense, Minerva Research Initiative. *Integrated Data- and Model-Driven Approaches to Understand Socio-Economic Vulnerability and Social Conflicts in the Context of Climate Change Across South Asia*. \$5,000,000, 2023-2027, not funded.

USDA, ERS. *Estimating Biological Capital for U.S. Productivity Accounts*. Cooperative Agreement, \$145,000, 2021-2024, funded.

Nebraska Governance and Technology Center (NGTC) Supplemental Research Awards. *Linking Policy, Land Use Land Cover Change, and Weather and Climate in Nebraska*. \$10,000, March-May 2022, funded.

UNL Grand Challenges. *Climate Resilience Collaborative*. \$8,229,705, July 2022-June 2027, not funded.

NIFA AFRI *Biotechnology regulation: Impact on innovation, trade, consumers, producers, and welfare*, \$309,420, October 2020-September 2022, not funded.

NSF *Environmental and Economic Feedbacks of Unsustainable Water Use: A Hydro-Economic Analysis of the High Plains Aquifer*, \$162,000, December 2018 - November 2020, not funded.

NSF *Elements: Software: Development of Dynamic Taint Analysis Tools for Tracing Human-Technical-Economic Links Among Renewable Energy, Agriculture, and Food Networks*, \$577,000, October 2018 - September 2021, not funded.

NSF NRT-INFEWS: *Holistic Graduate Training in the Crop-Water-Energy-Livestock Nexus: Integrated Modeling for Decision-support*, \$2,999,999, August 2018 - July 2023, not funded.

National Geospatial-Intelligence Agency, *Anticipating Social Unrest using Integrated Model- and Data-Driven Approaches: The Impact of Socio-Demographic and Environmental Factors in Post-Colonial Nations*, \$1,429,620, through Citadel University, 2018-2022, not funded.

NSF INFEWS, *An integrated decision support system for Crop-Water-Energy-Livestock nexus*, Co-PI, \$2,500,000, not funded.

NIFA AFRI, *Securing Water for and from Agriculture through Effective Community & Stakeholder Engagement*, \$1,039,733, through Penn State University (\$5,000,000), 2017-2022, funded.

NIFA AFRI, Food Security Program, *Using Precision Technology in On-Farm Field Trials To Enable Data-Intensive Fertilizer Management*, \$4,000,000, through Univ. of Illinois, 2016-2020, funded.

IANR-ARD, *Impact Analyses and Decision Strategies for Agricultural Research (NC1034)*, PI, \$67,000.00, 2016-2021, funded.

NSF-China, *Optimal and Sustainable Management of Groundwater Resources in the North China Plain*, Y3,430,000, 2018-2022, not funded.

IANR-ARD-DWFI Sustainable Irrigated Systems. *Are intensive, high-yield irrigated cropping systems sustainable? Evaluation of Irrigated Agriculture in the Northern U.S. Great Plains*, co-PI, \$100,000, July 2015-July 2016, funded.

IANR-ARD IC-1648, *Impact Analyses and Decision Strategies for Agricultural Research (NC1034)*, PI, \$17,000.00, 2015-2016, funded.

IANR-ARD, *Impact Analyses and Decision Strategies for Agricultural Research*, \$12,000.00, co-PI, 2015-2016, funded.

Chicago Mercantile Exchange, *Yeutter Trade Symposium*, \$500,000.00, 2015- 2020, funded.

NSF EPSCoR Track II FEC, *Optimization of Water Use for Food and Energy Production in the Northern Plains*, co-PI, 2016-2021, not funded.

USAID IFSE *Irrigation Enhanced Farming Systems in Ethiopia*, \$499,991.00, investigator, 2016-2019, not funded.

IANR-ARD *Potential Production of Switchgrass for Biomass in the NC Region*, \$5000, funded.

IANR Strategic Investments, *Enhancing Multidisciplinary Teams, Forty-first Parallel Agro-Ecosystem Sustainability and Productivity*, PI, \$100,000, Jan 2014 –June 2015, funded.

IANR TA funds Energy Minor, \$60,000, August 2013-July 2016, funded.

Center for Agricultural and Food Industrial Organization - *Policy Research Group (CAFIO-PRG)*, NIFA/AFRI, Co-PI, \$700,000, 2012-2015, funded.

Water for Food Institute, *Option Values and the Sustainable Management of the High Plains Aquifer for Food Production and Ecosystem Services*, PI, \$100,000.00, 2011-2013, funded.

NE Center for Energy Science Research, *The Shadow Price of CO2 Emissions for Nebraska Electricity Generating Plants*, PI, \$75, 964, 2011-2013, funded.

IANR, ARD, UNL, *Returns on Investment*, co-PI, \$123,000, 2011-2014, funded.

Farm Foundation/Global Harvest Initiative, *Agricultural Productivity and Climate Change in Sub-Saharan Africa: Water Scarcity, Moisture and Temperature Effects*, PI, \$15,000, 2010-2011, funded.

USAID, IFSE, *Irrigation Enhanced Farming Systems in Ethiopia*, co-PI, \$500,000, not funded.

NSF, CNH-*Sustainable Management of Large Agroecosystems Under Stress: The 41 Parallel of the High Plains*, PI, \$1,498,498, 2014-2017, not funded.

NSF, EAR - CR-Water Sustainability & Climate, *WSC-Category 3: Central Great Plains' Sustainability of Water and Agricultural Resources in a Climate Context: Developing Baselines and Understanding Uncertainties*, co-PI, \$2,500,000.00, 2014-2020, not funded.

NCRSGC, BioEnergy, Sweet Sorghum, with NDSU, \$120,000, not funded.

NSF, EPSCoR Nebraska, *Integrating Diverse Big Datasets*, co-PI, 2015-2010, not funded.

USAID, SoyPro Africa, with Purdue University, \$20,000.000, 2015-2020, not funded.

AFRI, Foundational, *Sustainable Management of the High Plains Aquifer*, PI, \$500,000.00, 2014-2016, not funded.

NSF, CNH-*Sustainable Management of Large Agroecosystems Under Stress: The 41 Parallel of the High Plains*, PI, \$1,500,000.00, 2013-2016, not funded.

AFRI, *Climate Change, and Sustainable Resource Management of the Great Plains Agroecosystem*, PI, \$750,000.00, 2012-2015, not funded.

NSF, *Belmont Forum and G8 Research Councils Initiative on Multilateral Research Funding - International Opportunities Fund Call*, co-PI, \$1,950,000.00, 2013-2015, not funded.

NSF, *Forecasting Regional Climate Change Implications for Agriculture in the Central U.S.: Developing an Integrated Modeling Strategy*, co-PI, \$4,891,397.00, 2010-2015, not funded.

AFRI, *Climate Change, Cereal Production And Sustainable Resource Management On The 41st Parallel Transect Of The Great Plains Cereal Agroecosystem*, PI, \$3,566,803.00, 2010-2014, not funded.

ERS/Farm Foundation/Global Harvest Initiative, *Revisiting Regional Agricultural Productivity Growth in China: Public Goods and Public Bads*, PI, \$15,000.00, 2010-2011, not funded.

ERS/Farm Foundation/Global Harvest Initiative, *Impact of climate change on agricultural productivity in the Middle East and North Africa (MENA) region*, PI, \$15,000.00, 2010-2011, not funded.

IANR Strategic Investments, *Enhancing Multidisciplinary Teams, Fortyfirst Parallel Agro-Ecosystem Sustainability and Productivity*, PI, \$373,720.00, 2010 – 2013, funded.

Nebraska Center for Energy Science Research, *Opportunities for Nebraska in Future Carbon Markets*, \$131,980.00, 10/01/2008 - 09/30/2010, funded.

EPA-USDA, *The Great Plains Agro-ecosystem: Sustainability of Soil Carbon and Groundwater Ecosystem Services Under Increasing Demands for Food and Fuel*, 10/01/2009 - 9/30/2012, \$489,100.00, not funded.

ERS, USDA, *Impact of Local Public Goods and Agricultural Productivity Growth in the U.S.*, 10/01/2009 - 09/30/2011, \$20,000.00, funded.

ARS, USDA, *Ex-ante Evaluation of Food Safety Technology*, 10/01/2006 - 09/30/2008, \$27,400.00, funded.

NRICGP submission, USDA, *Alternative Ethanol Technologies*, 10/01/2007 - 09/30/2009, \$318,686, submitted.

DOE submission, *Cellulosic Ethanol and Welfare Change*, 2007 - 2009, \$348,149, submitted.
MATRIC grant, CSRS, USDA, to study productivity and trade opportunities for Midwest agricultural products, \$25,000 annually, 1990 – 1995, funded.
GATT grant, U.S. Trade Representative and CSRS, \$12,000 annually for two years, funded.
NRICG grant, CSRS, USDA, \$87,000 to study U.S. wheat, corn, and soybeans competitiveness in the international market relative to Canada, Australia, and Argentina, 1993 – 1996, funded. NRICG submission, CSREES, USDA, \$236,560 to study the market effects of commodity progress in wheat, soybeans and corn in the U.S., submitted.
NRI submission, CSREES, \$159,632, *Well-being and Inequality in Rural Nebraska*, submitted.

REFEREE:

Associate Editor, *Journal of Productivity Analysis*, 2010 - present. Guest Editor, 2012.
Associate Editor, *Journal of International Agricultural Trade and Development*, 2004 – 2015.
Editorial Council, *Journal of Agricultural and Resource Economics*, 1998-2006, 2011- 2016.
Editorial Board, *Global Food Security*, 2011- 2016.
Associate Editor, *American Journal of Agricultural Economics*, 2000-2004.
Agricultural Economics
American Journal of Agricultural Economics
American Economic Review
African Economic Journal
African Journal of Agricultural Economics
Australian Journal of Agricultural and Resource Economics
Applied Economic Perspectives and Policy
Agrekon
Choices
Canadian Journal of Economics
Canadian Journal of Agricultural Economics
Empirical Economics
Economic Letters
Economic Development and Cultural Change
European Journal of Agricultural Economics
Global Food Security
International Economic Review
International Journal of Industrial Organization
Journal of Development Economics
Journal of Agriculture and Resource Economics
Journal of African Economies
Journal of Productivity Analysis
Plos One
Review of International Economics
Review of Agricultural Economics

Southern Economic Journal
The Review of Economics and Statistics
The Review of Income and Wealth
Technological Forecasting and Social Change: An International Journal

AFRI, NIFA, USDA.
BARD, U.S.-Israel Bi-national Agricultural Research and Development Fund.
CSREES-NRI, USDA
CGIAR Standing Panel on Impact Assessment (SPIA) – FAO
FONTAGRO
IFPRI, International Food Research Institute
Interamerican Development Bank (IDB)
National Science Foundation (NSF)

PUBLICATIONS:

Refereed Journals:

- Queiroz, P., R. Mahmood, L.E. Fulginiti and R.K. Perrin. 2024. "Land Use Policies, Land Use Land Cover Change, and Climate: A review with examples from the United States" *Environment, Development and Sustainability*, forthcoming.
- Havens, D., R.K. Perrin, and L.E. Fulginiti. 2024. "Carbon Emissions Reductions from Changes to Reduced Tillage and Cover Crops: A Review of Experimental Results." *Journal of Advances in Agronomy and Crop Science*, 3: 1-6.
<https://www.jscholaronline.org/articles/JACS/Carbon-Emissions-Reductions-from-Changes-to-Reduced-Tillage.pdf>
- Iglesias, W., L.E. Fulginiti, and R.K. Perrin. 2024. "The cost of armed conflict to agriculture in Colombia." *Research on World Agricultural Economy*, 5(3): 85-103. DOI:
<https://doi.org/10.36956/rwae.v5i3.1136>
- Trindade, F., L.E. Fulginiti, and R.K. Perrin. 2023. "A half century of yield growth along the forty-first parallel of the Great Plains." *Land Economics*, 99(4): 594-610.
[DOI:10.3368/le.99.4.041421-0039R2](https://doi.org/10.3368/le.99.4.041421-0039R2)
- Queiroz, P., R.K. Perrin, L.E. Fulginiti and D.S. Bullock. 2023. "An Expected Value of Sample Information (EVSI) Approach for Estimating the Payoff from a Variable Rate Technology." *Journal of Agricultural and Resource Economics*, 48 (1): 1-13.
[DOI: 10.22004/ag.econ.320680](https://doi.org/10.22004/ag.econ.320680)
- Kabata, T., L.E. Fulginiti and R.K. Perrin. 2022. "The potential cost of regulation of methane and nitrous oxide emissions in U.S. agriculture." *CABI Agric Biosci* 3 (2).

<https://doi.org/10.1186/s43170-021-00068-1>

Silva, F., R. Perrin, L. Fulginiti and M. Burbach. 2021. “Can engagement improve groundwater management?” *Water Economics and Policy*, 7 (2).

<https://dx.doi.org/10.1142/S2382624X21500089>

Silva, F., L. E. Fulginiti, R. K. Perrin and M. J. Braga. 2021. “The increasing opportunity cost of sequestering CO₂ in the Brazilian Amazon forest.” *Empirical Economics*, 62: 439-460. <https://doi.org/10.1007/s00181-021-02031-5>.

Silva, F. de F., L.E. Fulginiti, R.K. Perrin and K. Schoengold. 2019. “The Effects of Irrigation and Climate on the High Plains Aquifer: A County-Level Econometric Analysis”. *Journal of the American Water Resources Association*, 55(5): 1085-1101.

<https://doi.org/10.1111/1752-1688.12781>.

Silva, F. de F., L.E. Fulginiti and R.K. Perrin. 2019. “The cost of forest preservation in the Brazilian Amazon: the “arc of deforestation””. *Journal of Agricultural and Resource Economics*, 44(3):497–512. doi: [10.22004/ag.econ.292328](https://doi.org/10.22004/ag.econ.292328)

Silva, F. de F., R.K. Perrin, and L.E. Fulginiti. 2019. “The opportunity cost of preserving the Brazilian Amazon forest.” *Agricultural Economics*, 50(2): 219- 227.

<https://doi.org/10.1111/agec.12478>

Garcia-Suarez, F., L. Fulginiti, and R. Perrin. 2019. “What is the use value of irrigation water from the High Plains Aquifer.” *American Journal of Agricultural Economics*, 101(2): 455-466. <https://doi.org/10.1093/ajae/aay062>

Mieno. T., C. Walters and L. Fulginiti. 2018. “Input Use Under Crop Insurance: The Role of Actual Production History.” *American Journal of Agricultural Economics*, vol. 100 (5): 1469-1485. <https://doi.org/10.1093/ajae/aay040>.

Perrin, R., L. Fulginiti, S. Bairagi, and I. Dweikat. 2018. “Sweet Sorghum as Feedstock in Great Plains Corn Ethanol Plants: The Role of Biofuel Policy.” *Journal of Agricultural and Resource Economics*, 43(1):34-45.

<http://www.waeaonline.org/UserFiles/file/JAREJanuary20183Perrin34-45.pdf>

Sesmero, J.P., R. Perrin and L. Fulginiti. 2018. “A Nonparametric Frontier Measure of Marketing Efficiency: An Illustration with Corn Ethanol Plants.” *Agribusiness: An International Journal*, vol. 34(3): 579-598. <https://doi.org/10.1002/agr.21543>

Wang, S.L., A. Plastina, L. Fulginiti, and E. Ball. 2017. “Benefits of Public R&D in U.S. Agriculture: Spill-Ins, Extension and Roads.” *Theoretical Economic Letters*, vol.7 (6): 1873-1898, doi: [10.4236/tel.2017.76128](https://doi.org/10.4236/tel.2017.76128).

- Perrin R., L. Fulginiti and M. Alhassan. 2017. "Biomass from Marginal Cropland: Willingness of North Central US Farmers to Produce Switchgrass on Their Least Productive Fields." *Biofuels, Bioproducts and Biorefining*, vol. 11 (2): 281–294.
<https://doi.org/10.1002/bbb.1741>
- Quin, J., T. Awada, F. Trindade, L. Fulginiti, and R. Perrin. 2017. "Combining habitat loss and agricultural intensification improves our understanding of drivers of change in avian abundance in a North American cropland anthrome." *Ecology and Evolution*, 7: 803–814.
doi:[10.1002/ece3.2670](https://doi.org/10.1002/ece3.2670).
- Bairagi, S., R. Perrin, L. Fulginiti, T. Clemente, C. Hungate, and G. Key. 2017. "Economic feasibility of high Omega-3 soybean oil in mariculture diets: A sustainable replacement for fish oil." *Aquaculture Economics and Management*, 21 (4); 452-469,
Doi: [10.1080/13657305.2016.1228711](https://doi.org/10.1080/13657305.2016.1228711).
- Sesmero, J.P., and L. E. Fulginiti. 2016. "Sustainable Consumption with an Essential Exhaustible Resource Re-Examined." *Theoretical Economic Letters*, vol. 6 (3): 464-473. Doi: [10.4236/tel.2016.63053](https://doi.org/10.4236/tel.2016.63053)
- Shumway, R., B. Fraumeni, L. Fulginiti, J. Samuels, and S. Stefanou. 2016. "U.S. Agricultural Productivity: A Review of USDA Economic Research Service Methods." *Applied Economic Perspectives and Policies*, vol. 38 (1): 1-29.
<https://doi.org/10.1093/aep/ppv032>
- Sesmero, J. P., R. K. Perrin and L. E. Fulginiti. 2016. "A Variable Cost Function for Corn Ethanol Plants in the Midwest." *Canadian Journal of Agricultural Economics*, vol. 64(3): 565–587. <https://doi.org/10.1111/cjag.12097>
- Trindade, F. and L.E. Fulginiti. 2015. "Is there a Slowdown in Agricultural Productivity Growth in South America?" *Agricultural Economics*, vol. 46 (1): 69-81.
- Fulginiti, L. E. 2013. "In Memoriam: Catherine Morrison Paul, 1953-2010." *Journal of Productivity Analysis*, December 2013.
- Sesmero, J. P., Perrin, R. K., and Fulginiti, L. 2012 "Environmental Efficiency Among Corn Ethanol Plants." *Biomass and Bioenergy Journal*, vol. 46(November): 634-644.
- Plastina, A. and L.E. Fulginiti. 2012. "Rates of Return to Public Agricultural Research in 48 U.S. States: 1949-1991." *Journal of Productivity Analysis*, vol. 37(2): 95-113.
- Sun, L., L. E. Fulginiti and Y. Chen. 2010. "Taiwanese Industry Competitiveness when Outward FDI is Defensive." *Journal of Asian Economics*, vol. 21(4):365-377.

- Huang, R., L. E. Fulginiti and E. W. Peterson. 2010. "Health and Growth: Causality through Education." *China Agricultural Economic Review*, vol. 2 (3).
- Fulginiti, L. E. 2010. "Estimating Griliches' k-shift." *American Journal of Agricultural Economics*, vol. 82 (1): 86-101.
- Fulginiti, L. E. 2010. "What Comes First, Agricultural Growth or Democracy?" *Agricultural Economics*, Vol. 41 (1): 15-24.
- Perrin, R. K and L. E. Fulginiti. January 2009. "Pricing and Welfare Impact of New Crop Traits: The Role of IPR's and Coase's Conjecture Revisited." *AgBio Forum*, Vol.11 (2) Article 7
- Onofri, A. and L. E. Fulginiti. August 2008. "Public Inputs and Dynamic Producer Behavior: Endogenous Growth in U.S. Agriculture." *Journal of Productivity Analysis*, Vol 30 (1): 13-28.
- Onofri, A. and L. E. Fulginiti. August 2008. "Rejoinder" *Journal of Productivity Analysis*, Vol 30 (1): 81-85.
- Sun, L., L. E. Fulginiti and E. W. Peterson. 2007. "Explaining the Decline of the Agricultural Sector in Taiwan." *Agricultural Economics*, Vol. 36, 2-03: 181-190.
- Sun, L. and L. E. Fulginiti. 2007. "Accounting for Taiwan's GDP Growth: Parametric and Non-parametric Estimates." *Journal of the Chinese Statistical Association*, Vol. 45: 74-98.
- Fulginiti, L. E. and R. K. Perrin. 2005. "Productivity and Welfare." *Journal of Productivity Analysis*, 49, 2: 133-155.
- Fulginiti, L. E., R. K. Perrin and B. Yu. December 2003. "Institutions and Agricultural Productivity in Sub-Saharan Africa." *Agricultural Economics*, 31, 2-3: 169-180.
- Perrin, R. K. and L. E. Fulginiti. May 2001. "Technological Change and Welfare in an Open Economy with Distortions." *American Journal of Agricultural Economics*, 83: 455-464.
- Fulginiti, L. E. and R. K. Perrin. October 1999. "Have Price Policies Damaged LDC Agricultural Productivity?" *Contemporary Economic Policy*, 17(4):469-475.
- Fulginiti, L. E. and R. K. Perrin. September 1998. "Agricultural Productivity in Developing Countries." *Agricultural Economics*, 19, 1-2: 45-51.
- Fulginiti, L. E. and R. K. Perrin. 1997. "LDC Agriculture: Non-parametric Malmquist Productivity Indexes." *Journal of Development Economics*, 58: 373-390.

- Perrin, R. and L. Fulginiti. December 1996. "Productivity Measurement in the Presence of Poorly Priced Goods." *American Journal of Agricultural Economics*, 78: 1355-1359.
- Fulginiti, L. E. and R. K. Perrin. 1995. "An Allais Measure of Production Sector Waste Due to Quotas." *American Journal of Agricultural Economics*, Vol. 77, 4: 865-874.
- Fulginiti, L. E. and R. K. Perrin. 1994. "Interventions and Production Sector Waste in LDC Agriculture." *Journal of Agriculture and Resource Economics*, Vol. 19, 2: 327-336.
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- Huang, R., L. E. Fulginiti and E. W. Peterson. 2009. "Health and Growth: Causality through Education." Proceedings of the 27th International Conference of Agricultural Economists, Beijing, China. <http://ageconsearch.umn.edu/handle/51735>
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- Sun, L. W., E. Ball, L. E. Fulginiti and A. Plastina. July 2009. "Impact of Local Public Goods in Agricultural Productivity Growth in the U.S." Presented at the AAEA meetings, Milwaukee, Wisconsin. <http://ageconsearch.umn.edu/handle/49333>
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- Plastina, A. and L. E. Fulginiti. August 2006. "R&D Spillovers in U.S. Agriculture: A Spatial State Level Analysis." Presented at the American Association of Agricultural Economics meetings, Long Beach, California. <http://agecon.lib.umn.edu/cgi-bin/detailview.pl?paperid=22128>
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- Sun, L. and L. E. Fulginiti. 2000. "Accounting for Taiwan's GDP Growth: Parametric and Nonparametric Estimates." *American Journal of Agricultural Economics*, Vol. 82.
- Ao, X. and L. E. Fulginiti. 2000. "Productivity Growth in China: Evidence from Chinese Provinces." *American Journal of Agricultural Economics*, Vol. 82.
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- Sun, L., L. E. Fulginiti and W. Peterson. 2000. "Accounting for Agricultural Decline with Economic Growth in Taiwan." *Journal of Agricultural and Resource Economics*.
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- Onofri, A. and L. E. Fulginiti. 1999. "Public Capital, R&D, Agricultural Production, and Endogenous Growth." *American Journal of Agricultural Economics*, Vol. 81:1286.

- Perrin, R. K. and L. E. Fulginiti. 1998. "Technical Change and Welfare in an Economy with Distortions." *American Journal of Agricultural Economics*, Vol. 80: 1202.
- Fulginiti, L. E. 1996. "From Red to White Meat: the Role of Technology." *American Journal of Agricultural Economics*, Vol. 78: 1386.
- Fulginiti, L. E. and R. K. Perrin. 1994. "An Efficiency Approach to Measurement of Production Waste." *American Journal of Agricultural Economics*, Vol. 76: 1250.
- Fulginiti, L. E. and R. K. Perrin. 1993. "Productivity in LDC Agriculture: Non-parametric Malmquist Measures." *American Journal of Agricultural Economics*, Vol. 75: 1303.
- Fulginiti, L. E. 1992. "Price Conditional Technology." *American Journal of Agricultural Economics*, Vol.74: 1299.
- Fulginiti, L. E. and R. K. Perrin. 1992. "Measures of Waste in Agriculture: The Case of LDCs." *American Journal of Agricultural Economics*, Vol. 74: 1276.
- Fulginiti, L. E. and R. K. Perrin. 1991. "The Effects of Price Policies on Agricultural Productivity." *American Journal of Agricultural Economics*, Vol. 73: 1537.
- Fulginiti, L. E. and R. K. Perrin. 1989. "An Allais Efficiency Approach to Measuring Production Sector Waste due to a Quota." *American Journal of Agricultural Economics*, Vol. 71: 1346.
- Fulginiti, L. E. 1988. "Patterns of Agricultural Protection." *American Journal of Agricultural Economics*, Vol. 70: 1204.
- Fulginiti, L. E. and R. K. Perrin. 1987. "Measuring Tobacco Supply Elasticity." *American Journal of Agricultural Economics*, Vol. 69: 1081.
- Fulginiti, L. E. 1986. "Aggregate Agricultural Technology: Argentina." *American Journal of Agricultural Economics*, Vol. 68: 1385.
- Fulginiti, L. E. 1989. "Argentine Agricultural Structure and Policy Implications." Proceedings of the XX International Conference of Agricultural Economics, Vol. 1: 1-7.

OTHER PUBLICATIONS AND PRESENTATIONS:

Invited Presentations:

Fulginiti, L.E. 2023. "Agricultural Productivity with Examples from Africa." Plenary invited presentation, [Second Virtual African Productivity Meetings](#), December 14-16, 2023.

Perrin, R.K., A. Rocha, and L.E. Fulginiti. 2023. "Measuring Biological Capital Assets." Invited presentation at [Agricultural Productivity Workshop](#) Sponsored by ERS-Farm Foundation-Virginia Tech University, March 29, 2023, Washington, DC.

Fulginiti, L.E. 2019. "Measuring Efficiency and Productivity of a Natural Resource: Water." FAO, Cairo, Egypt, November 26, 2019.

Fulginiti, L.E. 2018. "Including Natural Resources in Productivity Measurement." University of Malaga, Spain, December 3, 2018.

Fulginiti, L.E. 2018. "Water Efficiency: An Economist View." Invited to present at INRA-Meknes, Morocco, November 26, 2018.

Fulginiti, L. E. 2017. "Farm Productivity and Water: Economics Meets Agronomics." Invited plenary session, 2017 International Association of Agricultural Economists Inter-Conference Symposium on Agricultural Productivity, Climate Change and Sustainable Resource Management October 17-19, 2017, University of Talca, Chile.

Fulginiti, L.E. 2017. "Productivity and Natural Resources." IAAE pre-conference, Ministry of Agriculture of Chile On Productividad Sustentabilidad y Políticas Públicas: sinergias para mejorar el desarrollo económico agrícola, October 16, University of Talca, Chile.

Fulginiti, L. E. 2017. "Hicks Marginal Valuations and Inverse Supplies." Presented at Richard Shumway's Research Symposium, Washington State University, Pullman, Washington, April 21, 2017.

Fulginiti, L.E. 2012. "Agricultural Productivity in Developing Countries." Presented at the Workshop on Agricultural Productivity Growth and Poverty Reduction; 28th International Conference of Agricultural Economists, August 18-24, 2012, Foz do Iguassu, Brazil.

Fulginiti, L.E. "Is Agricultural Productivity Slowing Down?" October 2011. Presented at the Heartland Transatlantic Conference, NE Department of State, NE Legislature, Lincoln, NE.

- Perrin R. K. and L. E. Fulginiti. May 2010 “The Economics of Climate Change.” Paper presented at Summer Institute for Climate Change, SNR, UNL, Lincoln, Nebraska, May 11-13.
- Tong, H., L. E. Fulginiti and J. P. Sesmero. May 2010 “Chinese Regional Agricultural Productivity: 20 Years After.” Paper presented at “Causes and Consequences of Global Agricultural Productivity,” ERS, USDA, Washington, DC, May 11-12.
- Sun, L.W., E. Ball, L. E. Fulginiti and A. Plastina. May 2010. “Impact of Local Public Goods in Agricultural Productivity in the U.S.” Causes and Consequences of Global Agricultural Productivity Growth” Washington D.C., May 11-12.
- Fulginiti, L.E. and R.K. Perrin. May 2010. “Agricultural Productivity in Developing Countries: The World Food Equation and Food Security”, Water for Food: Growing More with Less, second annual international conference, Lincoln NE, May 2-5.
- Sesmero, J. and L. E. Fulginiti. March 2010. “Energy Policy and Sustainable Consumption.” University of Wisconsin.
- Sesmero, J. and L. E. Fulginiti. February 2010. “Energy Policy and Sustainable Consumption.” Purdue University.
- Sesmero, J. and L. E. Fulginiti. February 2010. “Environmental Efficiency of Ethanol Plants in the Midwest.” Purdue University.
- Fulginiti, L. E. February 2010. “Agricultural Productivity Slowdown in Developing Countries?” Paper presented at Invited Mini-Symposium on Global Agricultural Productivity and Food Security, annual meetings of Australian Agricultural Economics Association, Adelaide, Australia.
- Sesmero, J. and L. E. Fulginiti. January 2010. “An Implementable Index of Sustainability.” University of Nebraska, Lincoln.
- Perrin, R. K., A. Liska, J. Sesmero and L. E. Fulginiti. December 1, 2009. “Feasibility of Corn Stover as Fuel for Combined Heat and Power (CHP) in Grain Ethanol Plants in Nebraska.” Invited paper at the 2009 Bio eConference (12-state alliance) “Growing the Bioeconomy: Solutions for Sustainability.”
- Sesmero, J., R. K. Perrin and L. E. Fulginiti. November 2009. “Efficiency among Ethanol Plants.” Michigan State University.
- Fulginiti, L. E. November 2008. “What Comes First, Agricultural Growth or Democracy?” Penn State University.

- Plastina, A. and L. E. Fulginiti. September 2007. "Returns to Public Agricultural Research in 48 U.S. States." Invited paper at the Federal Reserve Bank of Chicago,
- Fulginiti, L. E. and R. K. Perrin. October 2007. "What Comes First, Agricultural Growth or Democracy?" Invited paper at XIX Seminario Internacional de Politica Economica, Instituciones e Desenvolvimento Economico, Universidade Federal de Viçosa, Minas Gerais, Brasil.
- Bharati, P. and L. E. Fulginiti. October 2007. "Institutions and Agricultural Productivity in Mercosur." Invited paper at XIX Seminario Internacional de Politica Economica, Instituciones e Desenvolvimento Economico, Universidade Federal de Viçosa, Minas Gerais, Brasil.
- Bahrati, P. and L. E. Fulginiti. August 19, 2006. "Is Agricultural Productivity in Mercosur Regressive?" Plenary opening session, Argentine Agricultural Economics Association, Cordoba, Argentina.
- Fulginiti, L. E. August 19, 2006. "Microeconomics for Policy Analysis." Invited workshop, Argentine Agricultural Economics Association, Cordoba, Argentina.
- Fulginiti, L. E. and R. K. Perrin. 2006. "What Comes First, Agricultural Growth or Democracy?" International Agricultural Economics Meetings, Australia.
- Fulginiti, L. E. and R. K. Perrin. 2006. "Agricultural Productivity in Sub-Saharan Africa." International Agricultural Economics Meetings, Australia.
- Perrin, R. K. and L. E. Fulginiti. June 11, 2006. "The Pricing of Crop Traits." Presented at IAMA meetings, Buenos Aires, Argentina,
- Bahrati, P. and L. E. Fulginiti. June 2006. "Agricultural Productivity in Mercosur." Presented at IAMA meetings, Buenos Aires, Argentina.
- Perrin, R. K. and L. E. Fulginiti. March 31, 2006. "Pricing and Welfare Impact of New Crop Traits: The Role of IPR's and Coase's Conjecture Revisited." Invited seminar, University of California, Davis.
- Fulginiti, L. E. and A. Onofri. February 2006. "Endogenous Growth and Dynamic Producer Behavior." Invited seminar, University of California, Davis.
- Onofri, A. and L. E. Fulginiti. June 29, 2005. "The Dynamics of Productivity Growth: Public Goods and Endogenous Growth in U.S. Agriculture," IX European Workshop on Efficiency and Productivity Analysis, Brussels, Belgium.

- Perrin, R. K. and L. E. Fulginiti. March 2003. "Coase's Conjecture and the Pricing of GM Crop Traits." NC1003 meetings, Rutgers University.
- Fulginiti, L. E. and R. K. Perrin. March 2003. "Productivity and Welfare." Seminar presented at the Department of Agricultural Economics, Kansas State University, Manhattan, Kansas.
- Fulginiti, L. E. and R. K. Perrin. July 2002. "Productivity and Welfare." Third Oviedo Conference on Efficiency and Productivity, Oviedo, Spain.
- Perrin, R. K. and L. E. Fulginiti. 1998. "Welfare and Technical Change in an Economy with Distortions." Invited paper at the biennial Georgia Productivity Workshop, Athens, Greece.
- Fulginiti, L. E. and R. K. Perrin. October 1997. "Declining Productivity in LDC Agriculture?" Invited paper at the European Productivity Workshop, Copenhagen, Denmark.
- Perrin, R. K. and L. E. Fulginiti. August 1997. "Productivity and Welfare in a Closed Economy." Invited paper at the Annual Meetings of the Econometric Society, Latin America Chapter, Santiago, Chile.
- Fulginiti, L. E. April 1997. On the Publicness of Policy-Oriented Social Science Research. @ Presented at the conference on "Measuring Benefits on Policy-Oriented Social Science Research," International Food Policy Research Institute, Washington, D.C.
- Fulginiti, L. E. and R. K. Perrin. 1996. "Productivity Measurement in the Presence of Poorly Priced Goods." Invited paper at the biennial Georgia Productivity Workshop, Athens, Greece.
- Fulginiti, L. E. and R. K. Perrin. 1996. "Productivity Measurement in the Presence of Poorly Priced Goods." Invited paper at the AAEA Annual Meetings, San Antonio, Texas.
- Fulginiti, L. E. August 1996. "Agricultural Productivity in LDC=s." Invited paper at the International Conference on Global Agricultural Science Policy for the Twenty-First Century, Melbourne, Australia.
- Fulginiti, L. E. and R. K. Perrin. August 1993. "Productivity in LDC Agriculture: the Malmquist Measure." Invited paper at the Latin American Meetings of the Econometric Society, Tucuman, Argentina.

Fulginiti, L. E. and R. K. Perrin. January 1993. "The Measurement of Loss due to Quotas: The Case of Tobacco." Invited paper at a joint American Economic Association/American Agricultural Economics Association session, ASSA meetings, Anaheim, California.

Fulginiti, L. E. May 1992. "Prices and Productivity in Agriculture." Invited paper at the annual Giannini Lecture, University of California, Davis, California.

Fulginiti, L. E. May 1992. "Price Conditional Technology, Productivity and Waste in LDC Agriculture." Invited paper at the annual Giannini Lecture, University of California, Berkeley, California.

Fulginiti, L. E. and J. F. Shogren. January 1992. "Agricultural Protection in Developing Countries." Invited paper at the American Agricultural Economics Association winter meetings, New Orleans, Louisiana.

American Economic Association Meetings:

Fulginiti, L. E. and L. S. Wang. January 2001. "A Parametric and Non-Parametric Measures of Productivity Growth in Taiwan." Presented at the ASSA Annual Meeting, Chicago, Illinois.

Perrin R. K. and L. E. Fulginiti. January 1998. "Technical Change and Welfare in a Closed Economy." Presented at the American Economic Association/Econometric Society Meetings, Chicago, Illinois.

Fulginiti, L. E. January 1994. "The Change from Red to White Meat: The Role of Technology." Presented at the American Economic Association meetings, Boston, Massachusetts.

Fulginiti, L. E. and R. K. Perrin. January 1993. "Productivity in LDC Agriculture: the Malmquist Measure." Presented at the American Economic Association/ Econometric Society meetings, Anaheim, California.

Fulginiti, L. E. and R. K. Perrin. January 1992. "Prices, Productivity, and Waste in LDC Agriculture." Presented at the American Economic Association annual meetings, New Orleans, Louisiana.

Fulginiti, L. E. and R. K. Perrin. December 1990. "Effects of Price Policies on Agricultural Productivity." Presented at the American Economic Association annual meetings, Washington, D.C.,

Fulginiti, L. E. and R. K. Perrin. December 1989. "The Theory and Measurement of Producer Response under Quotas." Presented at the American Economic Association annual meetings, Atlanta, Georgia.

Agricultural and Applied Economics Association Meetings:

Almeida, F.M.S., L.E. Fulginiti, and R.K. Perrin. 2024. "Unlocking agricultural potential: an opportunity cost analysis in Brazil."

Almeida, F.M.S., L.E. Fulginiti, and R.K. Perrin. 2024. "Impact of agricultural practices on Brazilian agriculture productivity evolution."

Rocha Jr., Adauto B. 2023. "Biological Capital in US Agriculture."

Ali, Muhammad T., L.E. Fulginiti and R.K. Perrin. 2022. "Water Resources, Public Investment and Agricultural Productivity in Pakistan"

Chavez Morone, B, L.E. Fulginiti and R.K. Perrin. 2022. "Tradeoff between Irrigated land and revenues in the High Plains Aquifer."

Iglesias, W., L.E. Fulginiti and R.K. Perrin. 2022. "The effects on the value of legal agriculture of a US-funded policy aimed at fighting the war on drugs in Colombia."

Rocha, A., L. Fulginiti, R. Perrin and C. Walters. 2022. "What is the Value of Crop Insurance for Nebraska Farmers."

Lee, Yunkyung, R. K. Perrin and L.E. Fulginiti. 2022. "Potential Economic Impacts of Gene-edited High-oleic Soybean."

Ali, M. T., and L. E. Fulginiti. 2021. "Household-level agricultural output technical efficiency: evidence from Pakistan." Agricultural and Applied Economics Association meetings, Austin, TX, August 1-3.

Ali, M. T., and L. E. Fulginiti. 2021. "State of women empowerment in agriculture and its effect on household-level output technical efficiency in Pakistan." Agricultural and Applied Economics Association meetings, Austin, TX, August 1-3.

Iglesias, W., L.E. Fulginiti, and R. Perrin. 2021. "The impact of renewable energy standard on the land use and crop yields in the in the US great plains." Agricultural and Applied Economics Association meetings, Austin, TX, August 1-3.

- Lee, Y., R. K. Perrin and L. E. Fulginiti. 2021. "Potential market and welfare effects of genetically edited technology in U.S. soybean production." Agricultural and Applied Economics Association meetings, Austin, TX, August 1-3.
- Queiroz, P., L. E. Fulginiti and R. K. Perrin. 2021. "Induced innovation in south American agriculture: deforestation and directed technical change." Agricultural and Applied Economics Association meetings, Austin, TX, August 1-3.
- Rocha, A., L. E. Fulginiti and R. K. Perrin. 2021. "Does the technical assistance impact technical efficiency of Brazilian family farmers?" Agricultural and Applied Economics Association meetings, Austin, TX, August 1-3.
- Rocha, A., L. E. Fulginiti, R. K. Perrin and C. Walters. 2021. "What factors contribute to the efficiency of Midwest crop farmers?" Agricultural and Applied Economics Association meetings, Austin, TX, August 1-3.
- Queiroz, P., L. E. Fulginiti, R. K. Perrin and D. Mariano. 2020. "The Effect of Remote Sensing Drought Indicators on Agricultural Yield: Evidence from Southern Brazil." Agricultural and Applied Economics Association meetings (virtual), Kansas City, August 9-11.
- Chennak, A. and L. E. Fulginiti 2020. "On Why and How Agriculture Has Not Declined with Economic Growth In North Africa." Agricultural and Applied Economics Association meetings (virtual), Kansas City, August 9-11.
- Iglesias, W., L. E. Fulginiti and R. K. Perrin. 2020. "The effects of violence on agricultural productivity: Evidence from the Colombian civil conflict." Agricultural and Applied Economics Association meetings (virtual), Kansas City, August 9-11.
- Lee, Yunkyung, L. E. Fulginiti and R. K. Perrin. 2020. "Potential economic consequences of gene-edited technology in the U.S. soybean market." Agricultural and Applied Economics Association meetings (virtual), Kansas City, August 9-11.
- Silva, Felipe F., Fulginiti, L. E., Perrin, R. K. 2020. "Climate change, productivity and producer welfare in Great Plains agriculture." Agricultural and Applied Economics Association meetings (virtual), Kansas City, August 9-11.
- Chennak, A. and Fulginiti L. E. "Agriculture Productivity in North Africa: Terms of Trade, Innovations, or Factor Endowments?" Agricultural and Applied Economics Association meetings, Atlanta, GA, July 2019
- Khanal, Badri; Fulginiti, Lilyan E.; Perrin, Richard K. "Agricultural Productivity Adjusted for Environmental Bads in Great Plains: Redux." Agricultural and Applied Economics Association meetings, Atlanta, GA, July 2019.

- Queiroz, Pedro; Fulginiti, Lilyan E.; Perrin, Richard K. “Induced Innovation in South American Agriculture: Acemoglu’s Directed Technical Change.” Agricultural and Applied Economics Association meetings, Atlanta, GA, July 2019.
- Soares, Pedro; Perrin, Richard K.; Fulginiti, Lilyan E. “The welfare impact of mechanization of sugarcane production in São Paulo – Brazil.” Agricultural and Applied Economics Association meetings, Atlanta, GA, July 2019.
- Trindade, Federico J.; Fulginiti, Lilyan E.; Perrin, Richard K. “How to double yields in 50 years: lessons from across the Great Plains.” Agricultural and Applied Economics Association meetings, Atlanta, GA, July 2019.
- Trindade, Federico J.; Fulginiti, Lilyan E.; Perrin, Richard K. “How much is free irrigation water really worth?” Agricultural and Applied Economics Association meetings, Atlanta, GA, July 2019.
- De Figueiredo Silva, Felipe; Fulginiti, Lilyan E.; Perrin, Richard K. “Water efficiency in high-yield irrigated corn fields in the Western U.S. Corn Belt.” Applied Agricultural Economics Association meetings, Atlanta, GA, July 2019.
- De Figueiredo Silva, Felipe; Perrin, Richard K.; Fulginiti, Lilyan E. “Does stakeholder engagement improve groundwater management? A lab experiment analysis.” Applied Agricultural Economics Association meetings, Atlanta, GA, July 2019.
- Queiroz, Pedro; Perrin, Richard K.; Fulginiti, Lilyan E.; De Figueiredo Silva, Felipe. “Incorporating the sampling distribution of a soil signal for an ex-ante evaluation of precision agriculture.” Applied Agricultural Economics Association meetings, Atlanta, GA, July 2019.
- Perrin R.K., P. Queiroz, F. Silva, and L.E. Fulginiti. “Ex-ante expected payoff from variable rate N application: an expected value of sample information (EVSI) approach.” Applied Agricultural Economics Association meetings, Washington D.C., August 2018.
- Silva, F, L.E. Fulginiti, and R.K. Perrin. “The effect of technological change on deforestation: evidence from the Brazilian Amazon forest.” Applied Agricultural Economics Association meetings, Washington D.C., August 2018.
- Queiroz, P, F. Silva and L.E. Fulginiti. “How did technical change affect land use in Brazilian agriculture?” Applied Agricultural Economics Association meetings, Washington D.C., August 2018.
- Silva, F., L.E. Fulginiti, and R.K. Perrin. “The effect of technical change and public expenditure on the substitution between the Brazilian Amazon and Agricultural commodities.” Agricultural and Applied Economics Association, Chicago, August 2017.

- Silva, F., L.E. Fulginiti, R.K. Perrin, and K. Schoengold. "The Effects of Irrigation and Climate on the High Plains Aquifer: An econometric analysis of groundwater levels and irrigation behavior." Agricultural and Applied Economics Association, Chicago, August 2017.
- Sesmero, J., R. Perrin and L. Fulginiti. "Long-Term tradeoffs between private and social objectives in the High Plains aquifer." Agricultural and Applied Economics Association, Boston, July 2016.
- Silva, F., L. Fulginiti and R. Perrin. "Tradeoffs between Amazon forest and agriculture in Brazil." Agricultural and Applied Economics Association, Boston, July 2016.
- Alhassan, M., R. Perrin, and L. Fulginiti. 2015. "Estimating Producers' Willingness to Supply Switchgrass as a Bioenergy Crop." Agricultural and Applied Economics Associations, San Francisco, July 2015.
- Bairagi, S., R. Perrin, L. Fulginiti. 2015. "Potential Welfare Effects of Soy-Based Mariculture Feed." Agricultural and Applied Economics Associations, San Francisco, July 2015
- Trindade, J., L. Fulginiti, and R. Perrin. 2015. "US Crop Yields Redux: Effects of climate and irrigation." Agricultural and Applied Economics Associations, San Francisco, July 2015.
- Kibonge, A. and L. Fulginiti. 2014. "Agricultural Productivity and Climate Change in Sub-Saharan Africa: Water Scarcity, Moisture, and Temperature Effects." Presented at the AAEA meeting, Minneapolis, MN, July 2014.
- Kibonge, A. and L. Fulginiti. 2014. "CO2 Emissions from Deforestation and Efficiency in Agricultural Productivity: The Case of Sub-Saharan Africa." Presented at the AAEA meeting, Minneapolis, MN, July 2014.
- Trindade, F. and L. Fulginiti. 2014. "A Corn Yield Function Considering the impact of water and weather." Poster presented at the AAEA meeting, Minneapolis, MN, July 2014.
- Bairagi, S., R. Perrin, and L. Fulginiti. 2014. "Optimal Harvest Time for Seriola Rivoliana (Kona Blue) with Soy Mariculture Diet." Poster presented at the Agricultural and Applied Economics Associations meetings, Minneapolis, Minneapolis, MN, July 27-29 2014.
- Trindade, F. and L. Fulginiti. 2013. "U.S. Crop Yields Redux: Weather Effects versus Human Inputs." Presented at the AAEA meeting, Washington D.C., July 2013.
- Kabata, T. and L. Fulginiti. 2013. "Parametric Distance Function to Efficiency Analysis of Greenhouse Gas Emissions in U.S. Agriculture." Poster presented at the Agricultural & Applied Economics Association-Natural Resources and Canadian Agricultural Economics Society Joint Annual Meeting in Washington DC, USA in August 2013.

- Megeressa, D., R. Perrin and L. Fulginiti “Impact of Biofuel Demand on Acreage Allocation in Acreage Allocation in the Great Plains.” Poster presented at the Annual Agricultural & Applied Economic Association meeting, Washington, DC, August 4-6, 2013.
- Sesmero, J., R. Perrin and L. Fulginiti. 2012. “Technology, Markets, and Ethanol Shutdown Price.” Selected paper at the 2012 Annual Meeting of the Agricultural and Applied Economics Association, Seattle, WA, August 2012.
- Sesmero, J., R. Perrin and L. Fulginiti. 2012. “Environmental Impacts of Stover Removal in the Corn Belt.” Selected paper at the 2012 Annual Meeting of the Agricultural and Applied Economics Association, Seattle, WA, August 2012.
- Kibonge, A. and L. Fulginiti. 2012. “CO2 emissions Due to Land Use Change and Agricultural Productivity in Sub-Saharan Africa”. Paper presented at the Agricultural and Applied Economics Association (AAEA) annual meeting, Seattle WA, 12-14 August.
- Kibonge, A. and L. Fulginiti. 2012. “Water Scarcity, Climate Change and Agricultural Productivity in Sub-Saharan Africa”. Paper presented at the AAEA annual meeting, Seattle WA, 12-14 August.
- Kabata, T. and L. Fulginiti. 2012. “Accounting for Greenhouse Gases Emissions in OECD Agriculture Productivity.” Poster selected for presentation at the Agricultural & Applied Economics Association-Natural Resources and Environmental Economics Association Joint Annual Meeting in Seattle, Washington, USA in August 2012.
- Wamisho, K., R. Perrin and L. Fulginiti. 2012. “The Shadow Price of GHG Reduction in Corn Ethanol Plants.” Paper presented at AAEA annual meeting, Seattle WA, August 12-14.
- Fulginiti, L. E. 2011. “A Review and Celebration of the Work of Cathy Morrison-Paul.” Agricultural and Applied Economics Association, Pittsburgh, July 26-28.
- Kabata, T. and L. Fulginiti. 2011. Greenhouse Gas Emissions and the US Agricultural Environmental Performance. Selected paper for presentation at the Agricultural & Applied Economics Association-Natural Resources and Environmental Economics Association Joint Annual Meeting in Pittsburgh, Pennsylvania, USA in August 2011.
- Kibonge, A. and L. E. Fulginiti. 2011. “Agricultural Productivity in Sub-Saharan Africa, Climate Change and Water Scarcity.” Agricultural and Applied Economics Association, Pittsburgh, July 26-28.
- Lakoh, K. and L.E. Fulginiti. 2011. “Measuring Crop Residue Harvest Potential: Implications for 2nd Generation Biofuels and Carbon Sequestration in the Great Plains.” Agricultural and Applied Economics Association, Pittsburgh, July 26-28.

- Trindade, F., L.E. Fulginiti and R. K. Perrin. 2011. "Impact of Climate on Agricultural Productivity in the U.S. Great Plains." Agricultural and Applied Economics Association, Pittsburgh, July 26-28.
- Kibonge, A. and L. Fulginiti. 2010. "Institutions and Agricultural Productivity in Sub-Saharan Africa: Revisited". Paper presented at the Joint Annual Meeting AAEA & NAREA, Denver CO 25-27 July.
- Sesmero, J.P., and L. E. Fulginiti. 2010. "An Implementable Index of Sustainability and Assessment of Energy Policy." Agricultural and Applied Economics Association, Denver, July 25-27.
- Sesmero, J.P., R.K. Perrin, and L.E. Fulginiti. 2010. "Environmental Efficiency Among Corn Ethanol Plants." Agricultural and Applied Economics Association, Denver, July 25-27.
- Sesmero, J.P., R.K. Perrin, and L.E. Fulginiti. 2010. "Economic Efficiency of Ethanol Plants in the US North Central Region." Agricultural and Applied Economics Association, Denver, July 25-27.
- Sesmero, J. and L. Fulginiti. 2010. "An Implementable Index of Sustainability and Assessment of Energy Policy". Selected poster at the 2010 Annual Meeting of the Agricultural and Applied Economics Association, Denver, CO, July 2010.
- Sesmero, J. P., R. K. Perrin and L. E. Fulginiti. July 2009. "Efficiency of New Ethanol Plants in the U.S. North-Central Region." Presented at the AAEA meetings, Milwaukee, Wisconsin.
- Sun, L. W., E. Ball, L. E. Fulginiti and A. Plastina. July 2009. "Impact of Local Public Goods in Agricultural Productivity Growth in the U.S." Presented at the AAEA meetings, Milwaukee, Wisconsin.
- Sesmero, J. P. and L. E. Fulginiti. July 2008. "Conservation Needs Assessment: Sustainability with Substitution and Biased Technical Change." Presented at AAEA meetings, Orlando, Florida.
- Sesmero, J. R. Perrin and L. Fulginiti "Corn Ethanol Production Costs: Results from a Survey of Seven Plants from the North Central Region, 2008". Presented at the AAEA Organized Symposium: Sustainable Bio-refining Systems: Preliminary Findings from the NC506 Project, AAEA & ACCI 2008 Joint Annual Meeting, Orlando, Florida.
- Plastina, A. and L. E. Fulginiti. August 2007. "Returns to Public Agricultural Research in 48 U.S. States." Presented at the AAEA meetings, Oregon.

- Plastina, A. and L. E. Fulginiti. August 2006. "R&D Spillovers in U.S. Agriculture: A State Level Analysis." Presented at the American Association of Agricultural Economics meetings, Long Beach, California.
- Huang, R., L. E. Fulginiti and E. W. Peterson. August 2003. "Investing in Hope: AIDS, Life Expectancy, and Human Capital Accumulation." Presented at the American Association of Agricultural Economics meetings, Montreal, Canada.
- Yu, B., L. E. Fulginiti and R. K. Perrin. August 2003. "Sub-Saharan Africa: Methods for Examining Agricultural Productivity." Presented at the American Association of Agricultural Economics meetings, Montreal, Canada.
- Perrin, R. K. and L. E. Fulginiti. August 2002. "Dynamic Pricing of Genetically Modified Crop Traits." Presented at the American Association of Agricultural Economics meetings, Long Beach, California.
- Yu, B., L. E. Fulginiti and R. K. Perrin. August 2002. "Agricultural Productivity in Sub-Saharan Africa." Presented at the American Association of Agricultural Economics meetings, Long Beach, California.
- Tong, H. and L. E. Fulginiti. August 2002. "A Measurement and Explanation of Chinese Regional Agricultural Productivity Growth in the 1990s." Presented at the American Association of Agricultural Economics meetings, Long Beach, California.
- Fulginiti, L. E. August 2001. "Griliches' k-shift and Competitiveness: Commodity Progress in U.S. Agriculture." Presented at the American Association of Agricultural Economics meetings, Chicago, Illinois.
- Fulginiti, L. E. and A. Onofri. August 2001. "A Public Inputs and Endogenous Growth in the Agricultural Sector: A Dynamic Dual Approach." Presented at the American Association of Agricultural Economics meetings, Chicago, Illinois.
- Yu, B., L. E. Fulginiti and R. K. Perrin. August 2001. "Agricultural Productivity in Sub-Saharan Agriculture: A Malmquist Index." Poster paper presented at the American Association of Agricultural Economics meetings, Chicago, Illinois.
- Ao, X. and L. E. Fulginiti. August 2000. "Productivity Growth in China: Evidence from Chinese Provinces." Presented at the American Association of Agricultural Economics meetings, Tampa, Florida.
- Sun, L. and L. E. Fulginiti. August 2000. "Accounting for Taiwan's GDP Growth: Parametric and Nonparametric Estimates." Presented at the American Association of Agricultural Economics meetings, Tampa, Florida.

- Umberger, W. and L. E. Fulginiti. August 2000. "The Impact of Biotechnology in U.S. Livestock Production." Presented at the American Association of Agricultural Economics meetings, Tampa, Florida.
- Sun, L., L. E. Fulginiti and W. Peterson. August 1999. "Technology, Factor Endowments, Prices and the Relative Decline of Agriculture in Taiwan." Presented at the American Association of Agricultural Economics meetings, Nashville, Tennessee.
- Onofri, A. and L. E. Fulginiti. August 1999. "Public Capital, R&D, Agricultural Production, and Endogenous Growth." Presented at the American Association of Agricultural Economics meetings, Nashville, Tennessee.
- Perrin, R. K. and L. E. Fulginiti. August 1998. "Technical Change and Welfare in an Economy with Distortions." Presented at the American Association of Agricultural Economics meetings, Salt Lake City, Utah.
- Fulginiti, L. E. August 1996. "The Change from Red to White Meat: the Role of Technology." Presented at the American Association of Agricultural Economics meetings, San Antonio, Texas.
- Fulginiti, L. E. and R. K. Perrin. August 1994. "An Efficiency Approach to Measurement of Production Waste." Presented Agricultural Economics Association meetings, San Diego, California.
- Fulginiti, L. E. and R. K. Perrin. August 1993. "Productivity in LDC Agriculture: the Malmquist Measure." Presented at the American Agricultural Economics Association meetings, Orlando, Florida.
- Fulginiti, L. E. August 1992. "Price Conditional Technology." Presented at the American Agricultural Economics Association meetings, Baltimore, Maryland.
- Fulginiti, L. E. and R. K. Perrin. August 1992. "Prices, Productivity, and Waste in LDC Agriculture." Presented at the American Agricultural Economics Association meetings, Baltimore, Maryland.
- Fulginiti, L. E. and R. K. Perrin. August 1991. "Prices and Productivity in Agriculture." Presented at the American Agricultural Economics Association annual meetings, Manhattan, Kansas.
- Fulginiti, L. E. and R. K. Perrin. August 1989. "An Allais Efficiency Approach to Measuring Production Waste Due to a Quota." Presented at the American Agricultural Economics Association annual meetings, Baton Rouge, Louisiana.

Fulginiti, L. E. 1988. "Patterns of Agricultural Protection." Presented at the American Agricultural Economics Association annual meetings, Knoxville, Tennessee.

Fulginiti, L. E. and R. K. Perrin. 1987. "U.S. Tobacco Supply Elasticity." Presented at the annual meetings of the American Agricultural Economics Association, Lansing, Michigan.

Fulginiti, L. E. 1986. "Aggregate Agricultural Technology: Argentina." Presented at the annual meetings of the American Agricultural Economics Association, Reno, Nevada.

International Economics, Agricultural, Resource and Env. Economics Conferences:

Fulginiti, L.E. 2023. "Agricultural Productivity with Examples from Africa." Plenary invited presentation, [Second Virtual African Productivity Meetings](#), December 14-16, 2023.

Perrin, R.K., A. Rocha, and L.E. Fulginiti. 2023. "Measuring Biological Capital Assets." Invited presentation at [Agricultural Productivity Workshop](#) Sponsored by ERS-Farm Foundation-Virginia Tech University, March 29, 2023, Washington, DC.

Iglesias, W. 2021. "The Impact of the Renewable Energy Standard on the Land Use and Crop Yields in the US Great Plains." International Conference of Agricultural Economists, virtual, August 17-31, 2021.

Lee, Y. 2021. "Market and Welfare Effects of Gene-Edited Technology on the U.S. Soybean Market." International Conference of Agricultural Economists, virtual, August 17-31, 2021.

Queiroz, P., L. E. Fulginiti and R. K. Perrin. 2021. "Induced Innovation in South American Agriculture: Deforestation and Directed Technical Change." International Conference of Agricultural Economists, virtual, August 17-31, 2021.

Trindade, F., Fulginiti, Lilyan E., Perrin, Richard. 2019. "Crop yield growth along the forty-first parallel transect: Contributions of factor intensification, irrigation, weather, and technical change." European Workshop in Efficiency and Productivity Analysis, London, England, June 10-13, 2019.

Trindade, F., Fulginiti, Lilyan E., Perrin, Richard, 2019. "How much is free irrigation water really worth?" International Consortium on Applied Bioeconomy Research (ICABR) conference, Ravello, Italy, June 4-7, 2019.

Silva, Felipe F.; Fulginiti, Lilyan E; Perrin, Richard K. 2019. "The Effect of technological Change on Deforestation: Evidence From the Brazilian Amazon Forest." 2019 International

- Consortium on Applied Bioeconomy Research (ICABR) conference. June 4-7, Ravello-Italy.
- Trindade, F., Fulginiti, L.E, Perrin, R.K. 2018. "Irrigation and Climate Effects on Land Productivity in the U.S. Central Plains." International Conference of Agricultural Economists, Vancouver, Canada, August 2018.
- Silva, F, L.E. Fulginiti, and R.K. Perrin. 2018. "Agricultural productivity and forest preservation in the Brazilian Amazon." International Conference of Agricultural Economists, Vancouver, Canada, August 2018.
- Queiroz, P, F. Silva and L.E. Fulginiti. "How did technical change affect land use in Brazilian agriculture?" International Conference of Agricultural Economists, Vancouver, Canada, August 2018.
- Lakoh, K., R. Perrin and L. Fulginiti. 2016. "The new frontier: welfare effects of foreign biofuel investments in Africa (case study: Sierra Leone." Association of African Agricultural Economists, September 2016, Addis Ababa, Ethiopia.
- Silva, F., L. Fulginiti and R. Perrin. "The opportunity cost of forest preservation in terms of agriculture foregone in the Brazilian Amazon." Association of Environmental and Resource Economists, Breckenridge, CO, June 2016.
- Garcia-Suarez, F., L. Fulginiti, and R. Perrin. 2015. "The Value of Water in Agriculture: The U.S. High Plains Aquifer." International Association of Agricultural Economist, Milan, Italy, August 2015.
- Bairagi, S., R. Perrin, and L. Fulginiti. 2015. "Feasibility of High Omega-3 Soybean Oil for Deep-Water Mariculture Diets." International Association of Agricultural Economist, Milan, Italy, August 2015.
- Trindade, F. and L. Fulginiti. 2013. "Is there a Slowdown in Agricultural Productivity Growth in South America?" Presented in the 13th European Workshop of Efficiency and Productivity Analysis EWEPA, Helsinki, Finland, June 2013.
- Kabata, T. and L. Fulginiti. 2013. "Accounting for Water Pollution in US Agricultural Productivity a Parametric Approach." Presented at XIIIth European Workshop on Efficiency and Productivity Analysis in Helsinki, Finland, June 2013.
- Megeressa, D. and L. Fulginiti. 2013. "Technological Change and Productivity Analysis in the Great Plains States." Presented at the 13th European Workshop on Efficiency and Productivity Analysis, Aalto University School of Business, Helsinki, Finland, June 17-21, 2013.

- Sesmero, J., R. Perrin and L. Fulginiti. 2012. "Environmental Efficiency Among Corn Ethanol Plants." Selected paper at the 2012 Triennial Meeting of the International Agricultural Economics Association, Foz do Iguacu, Brazil, August 2012.
- Trindade, F. and L. Fulginiti. 2012. "Is there a Slowdown in Agricultural Productivity Growth in South America?" Presented (poster) in IAAE meetings, Foz do Iguacu, Brazil, August 2012; working paper, Department of Agricultural Economics, November 2011.
- Kabata, T. and L. Fulginiti. 2012. "Greenhouse Gas Efficiency Analysis of the U.S. Agriculture." Presented at the 28th International Conference of Agricultural Economists in Foz do Iguacu, Brazil August 18-24, 2012 and at the 10th International Conference on Data Envelopment Analysis, Natal, Brazil, August 27 to 30, 2012.
- Kabata, T. and L. Fulginiti. 2012. "Accounting for Greenhouse Gases Emissions in OECD Agriculture Productivity." Presented at the 10th International Conference on Data Envelopment Analysis in Natal, Brazil August 27-30 2012.
- Kibonge, A. and L. Fulginiti. 2012. "Agricultural Productivity, water scarcity and climate change in Sub-Saharan Africa". Paper presented at the 28th Triennial Conference of the International Association of Agricultural Economists (IAAE), Brazil, 18-24 August.
- Kibonge, A. and L. Fulginiti. 2012. "CO₂ emissions Due to Land Use Change and Agricultural Productivity in Sub-Saharan Africa". Paper presented at the 28th Triennial Conference of the International Association of Agricultural Economists (IAAE), Brazil, 18-24 August.
- Ebata, A. and L. Fulginiti. 2012. "CO₂-Adjusted productivity analysis in Central America and the Caribbean." Presented at the International Conference for Agricultural Economists, Foz do Iguacu, Brazil, August 2012.
- Rubin, E., R. Perrin and L. Fulginiti. 2012. "Modeling of the High Plains Aquifer." Presented at the International Conference for Agricultural Economists, Foz do Iguacu, Brazil, August 2012.
- Wamisho, K., R. Perrin and L. Fulginiti. 2012. "The Shadow Price of GHG Reduction in Corn Ethanol Plants". Paper presented at the International Conference of Ag. Economists, Foz Do Iguacu, Brazil: August 18-24.
- Kibonge, A. and L. Fulginiti. 2011. "Water Scarcity and Agricultural Productivity in Sub-Saharan Africa". Paper presented at the Water for Food Conference, Lincoln NE, 1-4 May.
- Sesmero J., R. Perrin and L. Fulginiti .2011. "Marketing and Economic Efficiency Among Corn Ethanol Plants". Selected paper at the 2011 Australian Agricultural and Resource Economics Society Annual Meeting, Melbourne, February 2011.

- Lakoh, K. and L.E. Fulginiti. 2011. "Measuring Crop Residue Harvest Potential: Implications for 2nd Generation Biofuels and Carbon Sequestration in the Great Plains." EWEPA, Verona, Italy, June 2011.
- Ebata, A. and L.E. Fulginiti. 2011. "CO2 Emissions and Productivity Measurement in Central America and the Caribbean." Poster presented at ICABR, Frascati, Italy, June 2011.
- Sesmero, J. P. and L. E. Fulginiti. June 2010. "An Implementable Index of Sustainability." World Conference of Environmental and Resource Economists, Montreal, Canada.
<http://www.wcere2010.org/>
- Sesmero, J., and L. Fulginiti. 2010. "An Implementable Index of Sustainability and Assessment of Energy Policy". Selected poster at the 2010 Heartland Environmental and Resource Economics Workshop, October 2010.
- Plastina, A. and L. E. Fulginiti. 2009. "Rates of Return to Agricultural Research in 48 U.S. States." Proceedings of the 27th International Conference of Agricultural Economists, Beijing, China, Vol.1. <http://ageconsearch.umn.edu/handle/51709>
- Tong, H., L. E. Fulginiti and J. P. Sesmero. 2009. "Chinese Regional Agricultural Productivity: 1994-2005." Proceedings of the 27th International Conference of Agricultural Economists, Beijing, China, Vol.1. <http://ageconsearch.umn.edu/handle/51784>
- Huang, R., L. E. Fulginiti and E. W. Peterson. 2009. "Health and Growth: Causality through Education." Proceedings of the 27th International Conference of Agricultural Economists, Beijing, China. <http://ageconsearch.umn.edu/handle/51735>
- Sun, L. W., E. Ball, L. E. Fulginiti and A. Plastina. June 2009. "Public R&D and Agricultural Productivity Growth in the U.S." Presented at the XI European Workshop of Efficiency and Productivity Analysis, Pisa, Italy,
- Fulginiti, L. E. August 2006. "What Comes First, Agricultural Growth or Democracy?" Presented at the 26th International Conference of Agricultural Economists, Brisbane, Australia.
- Fulginiti, L. E. and R. K. Perrin. August 2006. "Agricultural Productivity in Sub-Saharan Africa: A Contrast." Presented at the 26th International Conference of Agricultural Economists, Brisbane, Australia.
- Fulginiti, L. E., R. K. Perrin and B. Yu. August 2003. "Institutions and Agricultural Productivity in Sub-Saharan Africa." Presented at the 25th International Conference of Agricultural Economists, Durban, South Africa.

Huang, R., L. E. Fulginiti and E. W. Peterson. August 2003. "Investing in Hope: AIDS, Life Expectancy, and Human Capital Accumulation." Presented at the 25th International Conference of Agricultural Economists, Durban, South Africa.

Perrin, R. K. and L. E. Fulginiti. June 2001. "Dynamic Pricing of Genetically Modified Crop Traits." Presented at the 5th International Conference on Biotechnology, Science and Modern Agriculture, Ravello, Italy,

Onofri, A. and L. E. Fulginiti. July 2001. "Measuring the Impacts of Public Inputs on Productivity Growth." XVIII Congress of the Latin American Econometric Society, Buenos Aires, Argentina.

Fulginiti, L. E. October 1999. "International Trade, Competitiveness, and Productivity." Presented at the Sixth European Workshop of Efficiency and Productivity Analysis, Copenhagen.

Fulginiti, L. E. and R. K. Perrin. 1997. "Agricultural Productivity in Developing Countries." Presented at the XXIII meeting of the International Association of Agricultural Economists, Sacramento, California.

Fulginiti, L. E. and R. K. Perrin. 1988. "Argentine Agricultural Structure and Policy Implications." Presented at the XX meeting of the International Association of Agricultural Economists, Buenos Aires, Argentina.

Regional Economics and Agricultural Economics Meetings and others:

Almeida, F.M.S., L.E. Fulginiti, and R.K. Perrin. 2024. "Balancing growth and sustainability: assessing the opportunity cost in Brazilian agriculture." Western Agricultural Economics Association Annual Meeting, San Francisco, CA.

Almeida, F.M.S., L.E. Fulginiti, and R.K. Perrin. 2024. "Conservation practices and agricultural productivity: evidence from Brazil." Western Agricultural Economics Association Annual Meeting, San Francisco, CA.

Pinto, B.C.M., L.E. Fulginiti, and R.K. Perrin. 2024. "Nonparametric Analysis of Irrigation Efficiency and Productivity in the Ogallala Aquifer Counties." Western Agricultural Economics Association Annual Meeting, San Francisco, CA.

Lana, V., L.E. Fulginiti, and R.K. Perrin. 2024. "In the Face of Change: Resilience of the North Central Region Agriculture to Climate Shocks." Western Agricultural Economics Association Annual Meeting, San Francisco, CA.

- Pinto, B.C.M., L.E. Fulginiti, and R.K. Perrin. 2023. "Agricultural Output Efficiency in the Ogallala Aquifer Region (1960-2018)." Joint meetings Western Agricultural Economics Association/Canadian Agricultural Economics Society, Whistler, Canada, July 17-20.
- Pinto, B.C.M., L.E. Fulginiti. 2023."Drivers of Agricultural Output: a Study of the Share of Agriculture in Brazil's GDP (1970-2020)." Joint meetings Western Agricultural Economics Association/Canadian Agricultural Economics Society, Whistler, Canada, July 17-20.
- Pinto, B.C.M., L.E. Fulginiti, and R.K. Perrin. 2023. "Technical Efficiency and the Value of Irrigation over the High Plains Aquifer." North American Productivity Workshop, University of Miami, Florida, June 12-15.
- Rocha Junior, A. B, L. Fulginiti, R. Perrin, and C. Walters. 2022. "Productivity impacts of crop insurance for Nebraskan farmers." Western Agricultural Economics Association, Santa Fe, New Mexico, June 26 – June 28, 2022.
- Pinto, B.C.M., L. Fulginiti and R. Perrin. 2022. "Efficiency Measurement of Irrigated Land Area in the High Plains Aquifer" Western Agricultural Economics Association, Santa Fe, New Mexico, June 26 – June 28,
- Lee, Y., R.K Perrin and L. E. Fulginiti. 2021. "Economic Impacts of the U.S. High-oleic Soybean." Presented at *9th High Oleic Oils Congress Virtual Meeting*, September 3.
- Lee, Y., L.E Fulginiti and R.K. Perrin. 2020. "Potential economic consequences of gene-edited technology in the U.S. soybean market." Western Agricultural Economics Association meetings (virtual), Santa Fe, NM, June 29-July 1.
- Iglesias, W., L.E Fulginiti and R. K.Perrin. 2020. "The effects of violence on agricultural productivity: Evidence from the Colombian civil conflict." Western Agricultural Economics Association meetings (virtual), Santa Fe, NM, June 29-July 1.
- Iglesias, W., L. E.Fulginiti and R.K. Perrin. 2020. "The Impact of Renewable Energy Standards on the Extensive and Intensive Margins of Biomass Production in the US Great Plains." Western Agricultural Economics Association meetings (virtual), Santa Fe, NM, June 29-July 1.
- Rocha, A., L. Fulginiti and R. Perrin. 2020. "Productivity Impacts of Internet Access in Brazilian Agriculture." North American Productivity Workshop (virtual), University of Miami, Miami, Florida, June 8-12.
- Queiroz, P.; Perrin Richard; Fulginiti, Lilyan; Silva, Felipe. 2019. "The role of the sampling distribution of a soil signal for an ex-ante evaluation of precision agriculture." Western

- Agricultural Economics Association (WAEA), June 30-July 2, 2019, Coeur d'Alene, Idaho.
- Silva, F., L.E. Fulginiti, and R.K. Perrin. 2018. "Land use in the Brazilian Amazon: the opportunity cost of preserving the forest." North American Productivity Workshop, Miami, Florida, June 2018.
- Sesmero, J., R. Perrin and L. Fulginiti. 2017. "Long-Term tradeoffs between private and social objectives in the High Plains aquifer." NC 1034 annual meetings, February 2017, Tucson, AZ.
- Trindade, F., L. Fulginiti and R. Perrin. 2016. "Water Use in Heat Stress Mitigation Considering Producer Behavior." IWREC meetings, September 2016, World Bank, Washington D.C.
- Silva, F., L. Fulginiti, R. Perrin and K. Schoengold. 2016. "Irrigation effects on the High Plains Aquifer: a county-level econometric equation of motion for groundwater" Heartland Workshop on Environ. and Res. Econ., November 2016, University of Illinois, Urbana, Ill.
- Silva, F., L. Fulginiti and R. Perrin. 2016. "What is the Role of Technical Change in Brazilian Agriculture Production and its CO₂e Emission Intensity?" Southern Economic Association, November 2016. Washington DC.
<https://www.southerneconomic.org/session-details/?conferenceId=2&participantId=8030>
- Tayebi, Z. and L. Fulginiti. 2016. "Agricultural Productivity and Climate Change in the Greater Middle East." Southern Agricultural Economics Association, February 2016, San Antonio, TX. <http://ageconsearch.umn.edu/handle/230019>
- Rossi, F., F. Silva, L. Fulginiti, R. Perrin, H. Souza Filho, and M. Carrer. 2016. "Cost-benefit analyses of the adoption of irrigation in oranges in Sao Paulo, Brazil." Southern Agricultural Economics Association, February 2016, San Antonio, TX.
<http://ageconsearch.umn.edu/handle/230112>
- Rossi, F., F. Silva, L. Fulginiti and R. Perrin. 2016 "Cost-benefit analysis of the adoption of irrigation on citrus in Sao Paulo, Brazil" Southern Agricultural Economics Association, February 2016, San Antonio, TX.
- Silva, F., L. Fulginiti and R. Perrin. 2015. "Shadow Prices and Substitution Between Agricultural Commodities and Deforestation in the Amazon Forest" Southern Economic Association, November 2015. New Orleans.
<https://www.southerneconomic.org/session-details/?conferenceId=1&participantId=8030>

- Kabata, T. and L. Fulginiti. 2014. "Accounting for Water Pollution in US Agricultural Productivity: A Parametric Approach." Presented at the Centre for Research on the Economics of Environment, Food, Transport and Energy, Laval University, Quebec City, Canada, January 2014.
- Trindade, F. and L. Fulginiti. 2013. "Agricultural production and Ecosystem services." Presented at the WAEA meetings, Monterrey, California, July 2013.
- Kabata, T. and L. Fulginiti. 2012. "Accounting for Greenhouse Gases Emissions in OECD Agriculture Productivity." Presented at North American Productivity Workshop VII, Rice University, Houston Texas, June 2012.
- Alvarez, D., L. E. Fulginiti, and R.K. Perrin. 2012. "CO2 Emissions and Environmental Efficiency of Nebraska Fossil Fuel Utilites." Presented at North American Productivity Workshop VII, Rice University, Houston Texas, June 2012.
- Kibonge, A. and L. Fulginiti. 2012. "Agricultural Productivity, water scarcity and climate change in Sub-Saharan Africa". Paper presented at the North American Productivity Conference, Houston TX, 6-9 June.
- Kabata, T. and L. Fulginiti. 2012. "Accounting for Greenhouse Gases Emissions and Water Pollution in US Agriculture: Environmental Performance Analysis." Poster selected for presentation at the Water for Food Global Conference, Lincoln Nebraska May 2012.
- Kabata, T. and L. Fulginiti. 2012. "Greenhouse Gas Efficiency Analysis of the US Agriculture." Poster selected for presentation at the University of Nebraska-Lincoln Research Fair, Lincoln Nebraska May 2012
- Wamisho, K., R. Perrin and L. Fulginiti. 2012. "The Shadow Price of GHG Reduction in Corn Ethanol Plants". Paper presented at North American Productivity Workshop VII Rice University Houston, TX, June 6-9.
- Lakoh, K., L.E. Fulginiti and R. K. Perrin. June 2011 "Response of Farm Energy Prices and Agricultural Commodity Prices to Crude oil Prices: A Vector Error Correction Approach." WAEA annual meetings, Banff, Canada.
- Kabata, T. and L. Fulginiti. 2011. Greenhouse Gas Emissions and the US Agricultural Environmental Performance Western Agricultural Economics Association- Canadian Agricultural Economics Society Joint Annual Meeting, Banff, Alberta, Canada in June-July 2011.
- Sesmero, J.P. and L. E. Fulginiti, November 2010. "Energy Policy Assessment: Bias of Technical Change and Sustainable Consumption under Exhaustible Resource Constraints." Presented at the Heartland Environmental and Resource Economics Workshop, U of Illinois, Champaign-Urbana, Illinois. <http://events.idtg.illinois.edu/here/>

- Kibonge, A. and L. Fulginiti. 2010. "Is Sub-Saharan Africa Agricultural Productivity Slowing Down?" Paper presented at the Water for Food Conference, Lincoln NE, 2-5 May.
- Wang, S., Ball, E., Fulginiti, L., and A. Plastina. 2010. "Impact of Local Public Goods on Agricultural Productivity Growth in the U.S.," Farm Foundation-ERS Conference on Global Agricultural Productivity, Washington, DC, May 11, 2010.
- Wang, S., Ball, E., Fulginiti, L., and A. Plastina. 2010. "Public R&D and Agricultural Productivity Growth in the U.S.," European Workshop on Efficiency and Productivity Analysis, Pisa, Italy, Jun 24, 2009.
- Plastina, A., and L. Fulginiti. "Rates of Return to Public Agricultural Research in 48 U.S. States," NC-1034 Annual Meeting, Washington, DC, Mar 7, 2008.
- Huang, R., L. E. Fulginiti and E. W. Peterson. July 2003. "Investing in Hope: AIDS, Life Expectancy, and Human Capital Accumulation." Presented at the Western Agricultural Economics meetings, Denver, Colorado.
- Yu, B., L. E. Fulginiti and R. K. Perrin. July 2003. "Sub-Saharan Africa: Methods for Examining Agricultural Productivity." Presented at the Western Agricultural Economics meetings, Denver, Colorado.
- Fulginiti, L. E. November 2001. "Agricultural Productivity in Developing Countries: Customers or Competitors?" Agriculture at the Crossroads: "Globalization: Implications for Nebraska Agriculture," Lincoln, Nebraska.
- Fulginiti, L. E. and X. Ao. July 2001. "Productivity Growth in China: Evidence from Chinese Provinces." Presented at the Western Agricultural Economics meetings, Logan, Utah.
- Fulginiti, L. E and L. S. Wang. July 2000. Accounting for Agriculture's Decline with Economic Growth in Taiwan. Presented at the annual meetings of the Western Agricultural Economics Association, Vancouver, Canada.
- Sun, L., L. E. Fulginiti and E. W. Peterson. July 2000. "Accounting for Agricultural Decline with Economic Growth in Taiwan." Presented at the Western Economics meetings, Vancouver, Canada.
- Onofri, A. and L. E. Fulginiti. July 2000. "Public Capital, R&D, Agricultural Production and Endogenous Growth." Presented at the annual meetings of the Western Agricultural Economics Association, Vancouver, Canada.

- Perrin, R. K. and L. E. Fulginiti. 1998. "Technical and Welfare in a Closed Economy." Presented at the annual meetings of the Southern Economics Society, Baltimore, Maryland.
- Fulginiti, L. E. and R. K. Perrin. 1997. "Declining Productivity in LDC Agriculture?" Presented at the annual meetings of the Western Economics Association, Seattle, Washington.
- Perrin, R. K. and L. E. Fulginiti. 1997. "Productivity and Welfare in an Economy with Distortions." Presented at the annual meetings of the Western Agricultural Economics Association, Reno, Nevada.
- Fulginiti, L. E. and R. K. Perrin. July 1995. "LDC Agriculture: Nonparametric Malmquist Productivity Indexes." Presented at the annual meetings of the Western Agricultural Economics Association.
- Fulginiti, L. E. March 1992. "Agricultural Productivity in LDC's." Presented at the Midwest Economics Association meetings, Chicago, Illinois.
- Fulginiti, L. E. February 1990. "Agricultural Protection in LDC's." Presented at the annual meetings of the Southern Agricultural Economics Association, Little Rock, Arkansas.
- Fulginiti, L. E. and R. K. Perrin. 1988. "Estimating Supply Elasticity for Quota Commodities: The Case of Tobacco." Presented at the annual meetings of the Southern Agricultural Economics Association, New Orleans, Louisiana.

GRADUATE STUDENTS

PhD Students under Supervision

- Otgun, Hanifi, expected 2025.
 Aguiar de Acunha, Margarida, expected 2025.
 Almeida, Felipe Miranda de Souza, expected 2026.
 Okunola, Akibonde, expected 2025

PhD Students Supervised

- Morone Pinto, Bruno, 2024. "Three Essays on the Economics of Irrigation in U.S. Agriculture." Assistant Professor, University of Arkansas, Fayetteville, AR.
- Adauto B. Rocha Jr. 2023. "Biological Capital in U.S. Agriculture." Extension Assistant Professor, Univ. of Missouri, Columbia, MO.

Muhammad Tahir Ali. 2022. “Essays on Empowerment, Efficiency and Productivity in Pakistani Agriculture.” Researcher-Economist, IWMI, Lahor, Pakistan.

Wilman Iglesias. 2022. “Essays on Socioeconomic Shocks and Policies in Agriculture.” Post-doc, University of Arkansas.

Pedro Queiroz. 2021. “Essays on Agricultural Technology, Resource Allocation and the Value of Information.” Instructor, Clemson University; Instructor Virginia Tech. University.

Felipe de F. Silva. 2018. “Tradeoff between Agriculture and forest Preservation in the Brazilian Amazon.” Assistant Professor, Clemson University.

Federico Trindade. 2015. “Essays on Agricultural Productivity and the Environment”. Research Associate, Evans School of Public Policies, University of Washington.

Tshepelayi Kabata. 2014. “Essays on the Environmental Performance of the Agricultural Sector.” Technical Advisor to the Director General, Arab Bank for Economic Development in Africa.

Kepifri Lakoh. 2014. “Three Essays on Renewable Energy.” Senior Director for Monitor and Evaluation, Devex Corp for Global Development.

Federico Garcia-Suarez. 2013. “Essays on the Economic Value of the High Plains Aquifer.” Professor, Universidad de la Republica, Uruguay.

Aziza Kibonge, 2013. “Essays on Agricultural Productivity in Sub-Saharan Africa.” Adjunct Professor, Ohio University.

Diego Alvarez. 2013. “Essays on the Efficiency of Electricity Generation in Nebraska.” Professor and Director of the Economics Program, Universidad Nacional del Nordeste, Argentina.

Juan Sesmero. 2010. “Essays on Equity and Efficiency Trade-Offs in Energy and Climate Policies.” Professor, Purdue University.

Alejandro Plastina. 2007. “Essays on Innovations in the Agricultural and Food Industry Sectors.” Associate Professor, Iowa State University.

Bingxin Yu. 2005. “Agricultural Productivity and Institutions in Sub-Saharan Africa.” Division chief, Mine Safety and Health Administration, U.S. Dept of Labor.

Alejandro Onofri. 2002. “Essays on growth of the agriculture and food industry sectors PhD.” Professor, Universidad de La Plata, Argentina.

Sun Ling Wang, 2001. "Openness and Productivity Growth in Taiwan." Senior Research Agricultural Economist, Structure Technology and Productivity Branch, ERS, USDA.

Member of PhD Committee

Perry Warjiyo, 1991, PhD. "Resource Adjustments, Dynamic Price Responses and Research Impacts in the United States Agriculture, 1950-1982." Governor of the Central Bank of Indonesia.

Khalid Riaz, 1994, PhD. "A General Model of Rent Seeking for Public Goods." Dean, Faculty of Business Administration, COMSATS University, Islamabad, Pakistan.

Khalifa Hassanain, 1997, PhD, "External Shocks and the Real Exchange Rate: A Simulation Model for Egypt, Senior Economist, Islamic Development Bank, Saudi Arabia.

Saleem Shaik, 1998, PhD. "Environmental Adjusted Productivity Measures for Nebraska Agriculture Sector." Branch Chief of Agricultural Policy and Models Branch in the Market and Trade Economics Division, ERS, USDA.

Joshua Lewer, 1998, PhD (Economics). "Dynamic Gains from Trade: Does it Matter What Is Imported?" Department Chair, Professor of Economics and McCord Professor of Executive Management Development, Bradley University.

Intarapapong Walaiporn, 1999, PhD, "Environmentally-Adjusted Measures of the Gains from Trade Liberalization: The Case of Corn in the United States." Senior Economist, World Agricultural Economic and Environmental Services.

Ronald Roeber, 2000, PhD, "European Union Wheat Policies and World Wheat Prices: A Linear Feedback Approach." Director Research Computing and Data Management, UNL.

Jon Rezek, 2000, PhD (Economics), "An investigation of market solutions to environmental externalities: The case of sulfur dioxide emissions." Assistant Vice Chancellor, Office of Global Affairs, East Carolina University.

Xuanli Liu, 2001, PhD, "On Cooperative Actions in Greenhouse Gas Abatement: Evidence from Five Representative Countries." Assistant Professor and Graduate Faculty, Fort Valley State University.

Jason Duarte, 2001, PhD. "Effects of Biotechnology and Intellectual Property Law in the Seed Industry." Embrapa, Brazil.

Xiang, Ao, 2002, PhD. (Economics) Essays on Economic Growth in China. Senior Statistician, Harvard Business School.

Sahala Lumban Gaol, 2004, PhD, “Generalized-Purchasing Power Parity, Real Exchange Rates and Structural Change in Indonesian Economy.” Chairman Bali Energy Limited.

Hans Czap, 2006, PhD (Economics). “Three Essays on Intellectual Property Rights, Technological Progress and Growth” Associate Professor, University of Michigan-Dearborn.

Kanybek Nur-Tegin, 2006, PhD (Economics). “Essays on transition economies: Economic development, taxation, and corruption.” Associate Professor International Florida University.

Haizhi Tong, 2008, PhD (Economics) “An investigation of the insurance sector's contribution to economic growth.

Zhenyu Zhang, 2009, PhD, “Economic Growth and Carbon Emission Control.” Assistant Professor, Shanghai Ocean University, China.

Inoussa Boubacar, PhD, 2010 (Economics), “Climate Change and Agricultural Productivity in the Sahel.” Professor Clarion University of Pennsylvania.

Kassu Wamisho, 2012, PhD. “Essays on the U.S. biofuel policies: Welfare impacts and the potential for reduction of GHG emissions.” Research Economist, Bureau of Economic Analysis, Dept. of Commerce.

Viktor Khanzhyn, PhD, 2012 (Economics), “Three Essays on the role of financial Development.” Associate Professor Wesleyan University.

Vahid Omivdar, 2012, PhD. “Fair- Trade Coffee, Nebraska Bottle Bill, and Process Innovation Efficiency in the Canadian Food Manufacturing.”

Comlanvi Konou, 2013, PhD (Economics). “Agricultural biotechnology, international trade, general equilibrium and efficiency.” Associate Professor, School of Business, Al Akhawyn University, Morocco.

Dereje Bacha-Megeressa, 2013, PhD. “Impact of biofuel demand on land and water use in the Great Plains.”

Subir Bairagi, 2014, PhD. “Ex-ante economic assessment of research: High omega-3 soybean oil for mariculture.” Research Associate, University of Arkansas.

Mariana Saenz, 2014, PhD (Economics). “Gender and policy effects: Fertilizer use, crop diversification, and sampling weights in informative sampling.” Associate Professor Georgia Southern University.

Sankalp Sharma, 2016, PhD. “Three Essays on Risk Preferences and Farm-Decision Making in the United States.” Assistant Professor Kent State University.

Yunkyung Lee, 2022, PhD. “Multi-Market Economic Analysis of Food Policy and Agricultural Technology” Assistant Professor Pomona State University.

Afi, Maroua, 2023, PhD. “Economic and Environmental Performance of Integrated Crop-Livestock Production Systems: Resilience to Risk and Uncertainties and an Opportunity for Sustainable Intensification, post-doc and instructor University of Nebraska.

Masters’ Students Supervised.

Andrew Havens. 2023. “Regenerative Farming Practices: How Much Carbon Do They Sequester?” Research Economist, Center for Economics and Business Research, College of Business and Economics, Western Washington University, Bellingham, WA.

Bruno Morone Pinto. 2022. “Water Efficiency and Revenues in the High Plains Aquifer.” PhD University of Nebraska.

Ulmashkon Kalandarova. 2017. “Measuring the Total Factor Productivity Index for Central Asian Countries in 1992-2013.” PhD Colorado State University.

Johnathan Sims. 2017. “Econometric Estimation of Groundwater Depth Change for the High Plains Aquifer.” Data Consultant at Contino, IT services and IT consulting.

Lee Kottmeyer. 2016. “The Association of Southeast Asian Nations Agricultural Total Factor Productivity.” Financial Analyst at Rabo Agrifinance.

Ann Hunter-Pirtle. 2014. “Economic Impacts of Increase CAFE Standards.” Strategic Communications Lead, Office of the Under Secretary for Science & Innovation, U.S. Department of Energy.

Ana Stepanovic. 2014. “Hay Supply in the Midwest. Extension Agricultural Economist, Kansas State University.

Zahra Tayebi. 2014. Agricultural Productivity in the Greater Middle East.” PhD University of Florida, Data Scientist at NewRez LLC.

Ed Rubin. 2013. Irrigation and Climatic Effects on Water Levels in the U.S. High Plains Aquifer Along the 41st Parallel in Nebraska and Several Questions about Model Complexity. PhD UC-Berkeley. Assistant Professor, University of Oregon.

Preeti Baharati. 2013. "Agricultural Productivity in Mercosur."

Ayako Ebata. 2011. "Agricultural Productivity Growth in Central America and the Caribbean." PhD Univ of Gottingen, Agricultural Economist, Institute of Development Studies, Univ of Sussex.

Nyankomo Wambura Marwa. 2010. Non-thesis. PhD Stellenboch, Senior Lecturer in Development Finance Econometrics, University of Stellenbosch Business School.

Kepifri Lakoh. 2010. PhD University of Nebraska.

Tshepelayi Kabata, 2010. PhD University of Nebraska.

Aziza Kibonge. 2011. PhD University of Nebraksa.

Erika Martinez. 2007. "Poverty in Nebraska."

Avinash Alok. 2006. "Participation in the Food Stamp Program in Nebraska." Regional Officer Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, India.

Somali Gosh. 2005. PhD SUNY-Binghamton, Associate Professor, Weatherhead School of Management, Case Western Reserve University.

Alejandro Plastina. 2005. PhD University of Nebraska.

Bingxin Yu. 2003. PhD University of Nebraska.

Rui Huang. 2003. "Investing in Hope: AIDS, Life Expectancy, and Human Capital Accumulation." PhD U of CA-Berkeley, Leader of the Science Team, Amazon Device Group, Seattle.

Godfrey Gibbison. 1995. "An Investigation Into The Principles of Natural Resource Use for Sustainable Development." PhD Virginia Tech, Dean of Extension Learning at California State University San Marcos.

Amani El Obeid. 1994. “Nominal and Effective Protection Rates of Cotton in Sudan.” PhD Iowa State University, Ron and Lyn Deiter Endowed Chair, Iowa State University.

Naoki Ito. 1996. “Analysis of Agricultural Productivity in Australia.” Ambassador of Japan to Bangladesh.

Yu Yaguchi. 1994. “A Panel Data Approach to the Intercountry Metaproduction Function.” PhD Tokyo Metropolitan University, Professor of International Studies, Graduate School of International Cooperation Studies, Takushoku University, Tokyo, Japan.

David Leroy Knutson. 1994. “Trade Restrictions to Exports of Wine in Argentina.”

Undergraduate Honors Students (with honors thesis)

Traore, Ami. 1999. Drought and Productivity in Sub-Saharan Africa.

Lisa Pfeiffer, 2003, Agricultural Productivity in the ANDEAN Community. AAEA Award Winning Undergraduate Paper, *Amer. J. Agr. Econ.* 85 (Number 5, 2003): 1335–134. Ayako Ebata, 2007, Ecologically and Technologically Sustainable Agricultural Productivity Growth.

Andrew Havens, 2022, Agricultural Carbon Markets: How Can They Work?

Visiting Scholars

Lucila Bonilla, 2003, Universidad Nacional del Nordeste, Argentina.

Fabiana Rossi, 2015, Universidad de Sao Paulo, Brazil

Paulo de Tarso Pires, 2017, Universidade Federal do Parana, Brazil

Pedro Soares, 2018, ESALQ, Universidade do Sao Paulo, Brazil.

Gabriel Sampaio, 2018, Universidad Federal do Vicosa, Brazil.

Adauto Rocha, 2019, ESALQ, Universidade do Sao Paulo, Brazil.

Pablo Guimaraes, 2019, Universidade Federal do Vicosa, Brazil.

Felipe Almeida, 2021, ESALQ, Universidade do Sao Paulo, Brazil.

Victor Lana Pinto, 2023-2024, Universidade Federal do Vicosa, Brazil.

Ana Acris Melo de Araujo, 2023-2024, Universidade Federal de Paraiba, Brazil.

Renata Benicio de Oliveira, 2024-2025, ESALQ, Universidade do Sao Paulo, Brazil.

SELECTED COMMITTEES

P&T Evaluation Packages for other Institutions:

Assistant Professor with tenure: 5 (U of Idaho, Virginia Tech U., Kansas State Univ, University of Missouri, Purdue University)

Full Professor: 5 (University of Florida, Virginia Tech U., University of Alberta, Kansas State University, Washington State University)

Departmental External Evaluations: University of Idaho, University of Arizona.

Search Committees University wide (UNL):

Department Head Search, Dept of Ag. Econ.

IANR Associate Vice Chancellor for Faculty and Academic Leader Success

CASNR Dean

ARD Dean

Dean of the Business School

Dean of Civil Engineering

Director Daugherty Water for Food Global Institute

Director for Policy Water for Food Global Institute

Director of the Water Center

Director Nebraska Center for Energy Science Research

Director Bureau of Business Research

Search, Professorships, and Awards Committees in Other Departments (UNL):

University Professorships Committee (University wide) 2023, 2024, 2025

Omtvedt Innovation Award for research, IANR

Dean's Award for Excellence in Graduate Education, Graduate Studies

Darrell Nelson Excellence in Graduate Student Advising, IANR

Economics: Microeconomics, Finance, Trade

Marketing: Agribusiness, Distinguished Professor of Marketing

Agronomy: Sunkist Fiesta Bowl Distinguish Professor of Agronomy

Biological Systems Engineering: Distinguished Professor

School of Natural Resources: Water Economist Assistant Professor, Physiological Plant Ecologist Assistant Professor.

Ag Econ Department Committees (UNL):

Applied Economics Qualifier 2024-2027

P&T committee

Professional Relationships

Graduate committee

Working Environment

Social Affairs

Microeconomics and Macroeconomics PhD Qualifiers (in Econ Dept)

Development Field Exam (in Econ Dept) International

Trade Field Exam (in Econ Dept.)

Schlesinger Media Room

Search committees Ag Econ:

Dept. Head search committee, 2003-2004, 2009-2010, 2023-2024
Distinguished Professors searches
Full, Assistant, and Associate Professors searches
Staff (main administrative assistant, Director/Advisor of recruiting undergraduate program)

Other Committees:

Chancellor Committee on Women Salaries
Faculty Senate Compensation Committee
Faculty Senate subcommittee on status of women salaries
Faculty Senate rep to UNL's Judicial Board
E.N. Thompson Forum Committee (UNL and community wide)
Heuerman Lectures Committee (IANR wide)
Curriculum Committee (ISU)
Committee on the Academic Status of Student Athletes (ISU)
Faculty Advisory Committee (ISU)
P&T Committee (ISU)

WORKSHOPS AND SEMINARS:

University of Maryland, August 1985.
North Carolina State University, October 1985.
Montana State University, October 1985, November 1988.
World Bank, July 1987, September 2015, September 2016.
Iowa State University, October 1988, April 1989, October 1989, October 1991, May 1998.
Universidad Nacional del Nordeste, Argentina, July 1997.
University of California, Davis, May 1992, April 1998, February 2006, March 2006.
University of California, Berkeley, May 1992, April 1998.
University of Nebraska, Dept. of Agricultural Economics, February 1996.
University of Georgia, November 1996.
IFPRI, International Food Research Center, Washington DC, April 1997.
Universidad de Oviedo, Spain, June 1997.
University of Nebraska, Dept. of Economics, February 1997, January 1998.
University of California, Riverside, March 1999.
Kansas State University, March 2002.
Universidad Tres de Febrero, Buenos Aires, Argentina, September 2004.
IAMA, Buenos Aires, Argentina, June 2006.
Argentine Agricultural Economics Association, Argentina, October 2006.
INRA Paris, France, July 2007.
Federal Reserve Bank of Chicago, September 2007.
University of Viçosa, Brazil, October 2007.
ERS, USDA, Washington D.C., January 2008, May 2010, September 2015, March 2023.
Penn State University, November 2008.

Michigan State University, November 2009.
Oak Ridge Laboratories, May 2009.
Purdue University, February 2010.
University of Wisconsin, March 2010
IAAE, Foz do Iguassu, Brazil, August 2012.
IAAE, Milan, Italy, August 2015.
Washington State University, April 2017.
University of Idaho, April 2017.
University of Talca, Chile, October 2017.
Ministry of Agriculture, Chile, October 2017.
IAAE, Vancouver, Canada, August 2018.
INRA Morocco, November 2018.
FAO Egypt, November 2019.
USDA-ERS Productivity Workshop, March 2024
NC1034 annual meetings, Colorado State University, March 2024

LANGUAGES:

Fluent in English and Spanish.
Knowledge of Italian and Portuguese.