

May 15, 2020

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**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.
- 2018-present: Judy and Roy Frederick Professor of Agricultural Economics.
- 2014-present: Fellow, Daugherty Water for Food Institute, University of Nebraska, Lincoln.
- 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.
- 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.

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

#### **OTHER PROFESSIONAL ACTIVITIES AND HONORS:**

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

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.

Associate Editor, *Journal of Productivity Analysis*, 2010 - present.

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

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.

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

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

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.

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.

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

Member of the International Consortium on Applied Bioeconomy Research

#### **GRANTS:**

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-INFIEWS: *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 INFIEWS, *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), 2017-2021, 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 41<sup>st</sup> 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, submitted.

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.

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

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

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

Associate Editor, *American Journal of Agricultural Economics*, 2000-2004.

*American Economic Review*

*The Review of Economics and Statistics*

*International Economic Review*

*Journal of Development Economics*

*Economic Development and Cultural Change*

*Southern Economic Journal*

*Review of International Economics*

*Economic Letters*

*Canadian Journal of Economics*

*American Journal of Agricultural Economics*

*Canadian Journal of Agricultural Economics*

*Journal of Agriculture and Resource Economics*

*Journal of African Economies*

*Review of Agricultural Economics*

*Agricultural Economics*

*Journal of Productivity Analysis*

*International Journal of Industrial Organization*

*European Journal of Agricultural Economics*

*Technological Forecasting and Social Change: An International Journal*

*African Economic Journal*

*African Journal of Agricultural Economics*

*Australian Journal of Agricultural and Resource Economics*

*Choices*

*Empirical Economics*

*Applied Economic Perspectives and Policy*

*Global Food Security*

National Science Foundation (NSF)

CSREES-NRI, UDSA

IFPRI, International Food Research Institute

BARD, U.S.-Israel Bi-national Agricultural Research and Development Fund.

AFRI, NIFA, USDA.

CGIAR Standing Panel on Impact Assessment (SPIA) - FAO

## **PUBLICATIONS:**

### **Refereed Journals:**

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.waeonline.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.
- Fulginiti, L. E. 1994. "Price Conditional Technology." *Journal of Agricultural and Resource Economics*, Vol. 19, 1: 161-172.
- Fulginiti, L. E. and R. K. Perrin. 1993. "Prices and Productivity in Agriculture." *The Review of Economics and Statistics*, Vol. 75: 471-482.
- Fulginiti, L. E. and R. K. Perrin. 1993. "The Measurement of Waste due to Quotas." *American Journal of Agricultural Economics*, Vol. 75: 776-781.

Fulginiti, L. E. and R. K. Perrin. February 1993. "The Theory and Measurement of Producer Response Under Quotas." *The Review of Economics and Statistics*, Vol. 75: 1:97-106.

Fulginiti, L.E., and J. Shogren, "Agricultural Protection in Developing Countries," *American Journal of Agricultural Economics*, vol. 74 (1992): 795-801.

Fulginiti, L. E. and R. K. Perrin. 1990. "Argentine Agricultural Policy in a Multiple-Output, Multiple-Input Framework." *American Journal of Agricultural Economics*, Vol. 72: 279-288.

### **Chapters in Books:**

Tong, H., L. E. Fulginiti, and J. Sesmero. 2012. "Agricultural Productivity in China: National and Regional Growth Patterns, 1993-2005," chapter 9 in *Productivity Growth in Agriculture: An International Perspective*, edited by Keith Fuglie, Eldon Ball, and Sun Ling Wang, CABI, 2012.

Wang, S.L., E. Ball, L. Fulginiti, and A. Plastina. 2012. "Accounting for the Impacts of Public Research, R&D Spill-ins, Extension, and Roads in U.S. Regional Agricultural Productivity Growth, 1980-2004" chapter 2 in *Productivity Growth in Agriculture: An International Perspective*, edited by Keith Fuglie, Eldon Ball, and Sun Ling Wang, CABI, 2012.

Perrin, Richard K. and Lilyan Fulginiti. 2007. "Intellectual Property Institutions for Plant Breeding," in *Instituições E Desenvolvimento Econômico*, ed. Erly Cardoso Teixeira and Marcelo Jose Baga, Vicososa, MG, Brasil, Os Editores: 171-192.

Bharati, P. and L. E. Fulginiti. 2007. "Institutions and Agricultural Productivity in Mercosur," Chapter 5 in *Institutions and Economic Development*, E. C. Teixeira and M. J. Braga, eds.: 139-170.

Perrin, R. K. and L. E. Fulginiti. 2004. "Dynamic Pricing of Genetically Modified Crop Traits," in *The Governance of Agricultural Biotechnology*, R.E. Evenson and V. Santaniello, eds., CABI, in press.

Fulginiti, L. E. and R. K. Perrin. 1989. "Argentine Agricultural Structure and Policy Implications," in *Government Intervention in Agriculture*, Bruce Greenshields and M. Bellamy, eds., IAAE Occasional Paper No. 5, Dartmouth Publishing Co.

### **Book Reviews:**

Fulginiti, L. E. 2001. *Agriculture and Economic Growth: Theory and Measurement*, by Y. Mundlak, Cambridge: Harvard University Press, 2000, *Agricultural Economics*.

Fulginiti, L. E. 1996. *Intertemporal Production Frontiers: with Dynamic DEA*, by R. Färe and S. Grosskopf, Boston: Kluwer Academic Publishers, 208 pp. *American Journal of Agricultural Economics*, Vol. 80 (1998): 232-233.

Fulginiti, L. E. 1993. *A Microeconomic Approach to the Measurement of Economic Performance* by C. Morrison. Reviewed second edition per author=s request. New York: Springer-Verlag.

## **Reports**

Fulginiti, L. E. 2014. Potential Impacts of Global Warming in Nebraska’s Energy Sector. In *Understanding and Assessing Climate Change, Implications for Nebraska*, by Bathke, D., R. Oglesby, C. Rowe and D. Wilhite.

Shumway, R, B. Fraumeni, L. Fulginiti, J. Samuels, and S. Stefanou. 2015. *Measurement of U.S. Agricultural Productivity: A 2014 Review of Current Statistics and Proposals for Change*. Washington State University WP 2015-12. Report to USDA, ERS.

## **Other Publications:**

Perrin, R., L. Fulginiti, F. Silva, and K. Schoengold. 2019. “Effects of Irrigation and Climate on the High Plains Aquifer.” *Cornhusker Economics*, November 13, 2019.  
[https://digitalcommons.unl.edu/agecon\\_cornhusker/1022/](https://digitalcommons.unl.edu/agecon_cornhusker/1022/)

Perrin, R., L. Fulginiti, and F. Garcia Suarez. 2018. “Putting a Dollar Value on Irrigation in the High Plains.” *Cropwatch*, IANR, UNL, November 14, 2018.  
<https://cropwatch.unl.edu/2018/cornhusker-economics-putting-dollar-value-irrigation-high-plains>

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Trindade, F., L.E. Fulginiti and R. K. Perrin. "How to double yields in 50 years: lessons from across the Great Plains" *AJAE*

Trindade, F., L.E. Fulginiti and R.K. Perrin. "What is free irrigation really worth?" *Land Economics*

Kabata, T., L.E. Fulginiti and R.K. Perrin. "The potential cost of methane and nitrous oxide emissions regulation in U.S. agriculture" *Climatic Change*.

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Chennak, A. and L.Fulginiti. "Agriculture Productivity in North Africa: Terms of Trade, Innovations, or Factor Endowments?"

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- Silva, F., L. Fulginiti, and R. Perrin. “Water efficiency in high-yield irrigated corn fields in the Western U.S. Corn Belt.”
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Kibonge, A. and L. E. Fulginiti. "Agricultural Productivity in Sub-Saharan Africa, Climate Change and Water Scarcity."

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#### **OTHER PUBLICATIONS AND PRESENTATIONS:**

##### **Invited Papers:**

- 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; 28<sup>th</sup> 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 SEMINÁRIO INTERNACIONAL DE POLÍTICA ECONÔMICA INSTITUIÇÕES E DESENVOLVIMENTO ECONÔMICO, 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 SEMINÁRIO INTERNACIONAL DE POLÍTICA ECONÔMICA INSTITUIÇÕES E DESENVOLVIMENTO ECONÔMICO, 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. AOn 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.

### **American Agricultural Economics Association Meetings:**

Chennak, A. and Fulginiti L. E. "Agriculture Productivity in North Africa: Terms of Trade, Innovations, or Factor Endowments?" Applied Agricultural 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." Applied Agricultural 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." Applied Agricultural 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." Applied Agricultural 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." Applied Agricultural Economics Association meetings, Atlanta, GA, July 2019.

- Trindade, Federico J.; Fulginiti, Lilyan E.; Perrin, Richard K. “How much is free irrigation water really worth?” Applied Agricultural 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, 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:**

- 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. “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. “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. “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 XIII<sup>th</sup> 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 10<sup>th</sup> 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 27<sup>th</sup> 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 27<sup>th</sup> 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 27<sup>th</sup> 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 26<sup>th</sup> 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 26<sup>th</sup> 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 25<sup>th</sup> 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 25<sup>th</sup> 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 5<sup>th</sup> 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:**

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. "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. "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. "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. "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. "What is the Role of Technical Change in Brazilian Agriculture Production and its CO<sub>2</sub>e Emission Intensity?" Southern Economic Association, November 2016. Washington DC.  
<https://www.southerneconomic.org/session-details/?conferenceId=2&participantId=8030>
- Tayebi, Z. and L. Fulginiti. "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 "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>
- Silva, F., L. Fulginiti and R. Perrin. "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>
- Rossi, F., F. Silva, L. Fulginiti and R. Perrin. "Cost-benefit analysis of the adoption of irrigation on citrus in Sao Paulo, Brazil" Southern Agricultural Economics Association, February 2016, San Antonio, TX.
- 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.

#### **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.

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.

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.

University of California, Davis, February 2006 and March 2006.

IAMA, Buenos Aires, Argentina, June 2006.

Argentine Agricultural Economics Association, Argentina, October 2006.

Federal Reserve Bank of Chicago, September 2007.

University of Vicosa, Brazil, October 2007.

ERS, USDA, Washington D.C., January 2008, May 2010.

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 Talca, Chile, October 2017.  
Ministry of Agriculture, Chile, October 2017.  
IAAE, Vancouver, Canada, August 2018.

**LANGUAGES:**

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