

*Curriculum Vitae – September 2017*

**Maryfrances Miller, Ph.D.**

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**EDUCATION**

- Ph.D. 2015      Public Policy and Political Economy, University of Texas at Dallas
- 2006      Additional course work in Economics with Natural Resource emphasis from University of New Mexico, prior to moving to Texas in 2006
- M.S. 2001      Agricultural Economics, New Mexico State University
- B.S. 1997      Animal Science, New Mexico State University

**PROFESSIONAL EXPERIENCE**

- 2015-Present      Assistant Professor of Economics, College of Business, Department of Economics and Finance, Texas A&M University - Commerce  
2007 - 2015      (Employed as an instructor since 2007)  
                         Courses Taught: Managerial Economics (graduate-online); Economics for Decision Makers (graduate-online); Principles of Macro and Microeconomics (undergraduate-online and classroom); Financial Markets and Institutions (undergraduate-online and classroom); Freshman Success Seminar (undergraduate-classroom); Agricultural Law (undergraduate/graduate-classroom)
- 2010- 2016      Owner/Operator, Esperanza Jersey Farm, Sulphur Springs, Texas  
                         Responsible for strategic decision making; environmental compliance, grazing management, employee management, procurement of supplies, financial records, risk management decisions. Involved with dairy organizations, including DFA YC chair-couple, NMPF lobbying activities, 2014 Dairy Max Media Training, Hopkins County Dairy Festival
- 2005-2006      Graduate Assistant, University of New Mexico, Albuquerque, New Mexico  
                         Worked with J. Chermak, K. Krause and J. Thacher to write New Mexico rancher choice experiment on willingness of ranchers to conduct noxious weed management
- Worked with D. Brookshire to administer and analyze computer simulation model on water leasing for environmental uses in the Middle Rio Grande

- 1999-2005 Noxious Weed Coordinator, New Mexico Department of Agriculture, Las Cruces, New Mexico
- Guided development of collaborative, inter-agency and private landowner weed management programs – including development of inventory programs, budgets, awareness, and pesticide application programs
  - Drafted language for legislation, and gubernatorial executive order, provided testimony to legislature and prepared bill analysis. During my tenure, saltcedar management program was created and received \$6.25 million from legislature
  - Represented Secretary of Agriculture on Senator Domenici’s Endangered Species Workgroup, Western Governors’ Executive Symposium on Noxious Weeds and Southwest Strategy Executive Committee
  - Oversaw outreach campaign, including over 70 presentations to diverse audiences, publication of strategic plans, awareness calendars, brochures, and PSAs. Organized and hosted state-wide conferences, trainings and spoke at national land management conferences

## **PUBLICATIONS**

**Miller, M.** Lirong, L., Shwiff, S., Shwiff, S. (2017). Macroeconomic Impact of Foot and Mouth Disease Vaccination Strategies for an Outbreak in the Midwestern United States: A Computable General Equilibrium. *SUBMITTED to Transboundary and Emerging Diseases*

**Miller, M.** (2017). Economics Project Ideas: Charter Cities. *Teaching Business and Economics*. 21. 21-23.

**Miller, M.** (2017). Measuring the variations in regional milk supply and the lack of response to the national income over feed cost margins specified by 2014 Farm Bill. *Journal of Agricultural Economics and Rural Development*. 3. 105-111.

Dissertation:

**Miller, M.** (2015). Milk production response to Income Over Feed Cost margins by region.

**Miller, M.** (2015). Regional distribution of potential indemnity benefits under 2014 Farm Bill.

**Miller, M.** (2015). Regional Elasticity of Milk Supply.

Skaggs, R. **Decker, M** (2002). The Clean Water Act and Total Maximum Daily Loads in New Mexico, Frequently Asked Questions. *Agricultural Experiment Station Technical Bulletin #39*, New Mexico State Cooperative Extension Service, New Mexico State University

Skaggs, R., **Decker, M.**, and VanLeeuwen, D. (2000). A survey of southern New Mexico chile producers: Production practices and problems. NM Agricultural Experiment Station Technical Bulletin #782. January 2000

## **GRANTS**

Faculty Research Enhancement Program – with Lirong Liu and Steven Shwiff. Economic Impacts of Cattle Trade Flows and Disease Spread. Fall 2016

Quality Enhancement Plan – Grant for Global Course Development for COB 497/597

## **SERVICE**

### Texas A&M University - Commerce

- Advisor and Co-advisor for Economics and Finance Society
- Advisor and Co-founder TAMUC GIS Club
- Served as Honors Thesis Advisor (2 Students completed; 2 ongoing)
- Coordinator for Economic Principles Courses
- Committee for Core Curriculum Revision
- University Studies Committee; Student and Alumni Committee
- Small Business and Entrepreneurship Conference Committee and speaker
- Teacher Excellence Committee;
- Search committees
  - Fall 2015 – Personal Finance Faculty Position
  - Fall 2015 – Economist Position
  - Spring 2016 – Agricultural Director
- College of Business Newsletter – Spring 2016
- Co-Chair for Engagement Committee – Fall 201

## **PRESENTATIONS**

- February 2016 “Regional Variation in Margin Response, Participation and Potential Federal Expenditures under Dairy Margin Protection Program”  
Southern Agricultural Economics Association, San Antonio, Texas
- March 2004 “New Mexico’s Non-Native Phreatophyte Management Program”  
National Conference on Coordinated Tamarisk Management,  
Albuquerque, New Mexico
- February 2002 “Developing Invasive Species Management Programs”  
National Association of Soil and Water Conservation Districts, Reno,  
Nevada
- June 2001 “Funding and Using Invasive Species Inventories”  
Executive Weed Symposium – sponsored by Western Governors’  
Association, Albuquerque, New Mexico

## **SKILLS**

Eviews/R statistical software  
LaTex software  
Microsoft Office  
Quickbooks software  
ArcView GIS software  
Conversational Spanish  
IMPLAN Economic Modeling Software

## **ADDITIONAL TRAINING**

Media spokesperson training  
Facilitation and Dispute Resolution Training  
Quality Matters – Improving Your Online Course  
SOAC training for Faculty Advisors  
REMI – Information session on economic modeling

## **AWARDS AND RECOGNITION**

2017 – Distinguished Global Fellow  
2016-2017 Faculty Fellow – Lions Network Learning – GIS and Data Visualization  
May 2016 – Excellence in Teaching Award – National Society of Leadership and Success