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Assistant Professor  
Tarleton State University

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## **EDUCATION**

**Ph.D. Agricultural Economics**, May 2018  
Oklahoma State University, Stillwater, OK

**M.S. Agricultural Economics**, May 2015  
University of Arkansas, Fayetteville, AR

**B.A. Economics**, May 2013  
University of Arkansas, Fayetteville, AR

## **EXPERIENCE**

8/18 – Present	Assistant Professor, Tarleton State University Department of Agricultural and Consumer Sciences
6/15 – 5/18	Graduate Research/Teaching Assistant, Oklahoma State University Department of Agricultural Economics
6/14 – 5/15	Transportation Planning Analyst, Grain Export Bunge North America
8/13 – 5/14	Graduate Research Assistant, University of Arkansas Department of Agricultural Economics

## **RESEARCH/EXTENSION INTERESTS**

Telecommunications and Technology Policy  
Rural Development  
Agribusiness  
Broadband Access and Effective Use  
Scholarship of Teaching and Learning in Economics

## **CURRENT APPOINTMENT**

Teaching: 80%  
Research: 20%

## REFEREED JOURNAL PUBLICATIONS

Jacob Manlove and Brian Whitacre. Forthcoming. “An Evaluation of the Connected Nation Broadband Adoption Program.” (In Press). [Link](#)

Jacob Manlove and Brian Whitacre. 2019. “Understanding the Trend to Mobile-only for Internet Connections: A Decomposition Analysis.” *Telecommunications Policy* 43 (1): 76-87. [Link](#)

Brian Whitacre and Jacob Manlove. 2016. “Broadband and Civic Engagement in Rural Areas: What Matters?” *Community Development* 47 (5): 700-717. [Link](#)

## JOURNAL PUBLICATIONS CURRENTLY UNDER REVIEW

Jacob Manlove. “Assessing the Need for a Measure of Inequality in Broadband Adoption.”

## WORKING PAPERS

Jacob Manlove. “Does Media Type Matter for Delivery of Supplemental Materials in the Blended Classroom Environment?”

Jacob Manlove. “Estimating the Efficiency of Broadband Adoption Using Data Envelopment Analysis: An Application to the State of Texas.”

Chris Haynes, Jacob Manlove, and Brandon Smith. “Pedagogical Practices - Application, Evaluation, and Emphasis in Agricultural Education Study.”

## OUTREACH ORIENTED REPORTS

Jacob Manlove, Leah English, Jennie Popp, and Wayne Miller. “Economic Contribution of Agriculture and Food to Arkansas’ Gross Domestic Product 1997-2011.” University of Arkansas Research Report 993. May 2014. 23 pp.

## PAPERS PRESENTED AT PROFESSIONAL MEETINGS

**Jacob Manlove** (presenter) and Clint Neill. “Effect of Wage Growth on Rural/Urban Labor Demand.” Selected paper presented at the Southern Agricultural Economics Association, Louisville, KY. February 1-4, 2020.

Glenn Conover (presenter), **Jacob Manlove**, and Gracie Martin. “Economic Impact of Agriculture to Texas GDP.” Selected paper presented at the Southern Agricultural Economics Association, Louisville, KY. February 1-4, 2020.

Sierra Rash (presenter), **Jacob Manlove**, Chandra Andrew, and Brant Poe. “Impact of Oil and Gas Easements on Erath County Property Values.” Selected paper presented at the Southern Agricultural Economics Association, Louisville, KY. February 1-4, 2020.

Jared Netardus (presenter), **Jacob Manlove**, Edward Osei, and Chandra Andrew. “Impact of Climate Change on No-Till Winter Wheat in Texas.” Selected paper presented at the Southern Agricultural Economics Association, Louisville, KY. February 1-4, 2020.

**Jacob Manlove** (panelist), Leah Palmer (panelist), Andrew Stevens (panelist), and Brittany Goodrich (panelist). “The First Year Transition – Insight from New Faculty.” Invited Panel for the Agricultural and Applied Economics Association Annual Meeting, Atlanta, GA. July 21-23, 2019.

**Jacob Manlove** (presenter). “Estimating the Efficiency of Broadband Adoption Using Data Envelopment Analysis: An Application to the State of Texas.” Selected paper presented at the Western Agricultural Economics Association Annual Meeting, Coeur d’Alene, ID. June 30 – July 2, 2019.

**Jacob Manlove** (presenter). “Assessing the Need for a Measure of Broadband Adoption.” Selected paper presented at the Southern Regional Science Association Annual Meeting, Arlington, VA. April 4-6, 2019.

**Jacob Manlove** (presenter) and Brian Whitacre. “An Evaluation of the Connected Nation Broadband Adoption Program.” Selected paper presented at the Telecommunications Policy Research Conference, Washington DC. September 21-22, 2018.

**Jacob Manlove** (presenter) and Brian Whitacre. “Understanding the Trend to Mobile-Only for Internet Connections: A Decomposition Analysis.” Selected paper presented at the Telecommunications Policy Research Conference, Arlington, VA. September 8-9, 2017.

**Jacob Manlove** (presenter), Richelle Crotty, Alexis Schrubbe, Brian Whitacre, Sharon Strover, and Colin Rhinesmith. “Rural Library Hotspot Lending Programs.” Presentation at the Partnership for Progress on the Digital Divide Conference, San Diego, CA. May 24-25, 2017.

**Jacob Manlove** (presenter) and Brian Whitacre. “The Short-term Economic Impact of Rural Hospital Closures.” Selected paper presented at the Southern Agricultural Economics Association Annual Meeting, Mobile, AL. February 5-8, 2017.

**Jacob Manlove**, Jennie Popp (presenter), and Haxhire Myrteza. “The Changing Face of Agriculture: Characteristics and Perceptions of Arkansas Women in Agriculture, a Ten Year Study.” Selected paper presented at the Western Agricultural Economics Association Annual Meeting, Colorado Springs, CO. June 22-24, 2014.

## POSTER PRESENTATIONS

Arthur, M. (presenter), Haynes, J. C., Poe, A. B., **Manlove, J.**, Ford, T. & Stenholm, C. “Experiential learning through an agricultural policy curriculum design. 2020 AAAE Southern Region Research Conference, Louisville, KY, February, 1–4, 2020.

Haynes, J. C. (presenter), **Manlove, J.**, Andrew, C., Frazier, D. & Atchley, T. W. (2019). Effectiveness of brainwriting as an alternative to idea generation in agricultural education. 2020 AAAE Southern Region Research Conference, Louisville, KY, February, 1 –4, 2020.

**Jacob Manlove** (presenter). “Does Media Type Matter for Delivery of Supplemental Materials in the Blended Classroom Environment?” The Hawaii International Conference on Education, Honolulu, HI. January 4-7, 2019.

Gracie Martin (presenter) and **Jacob Manlove**. “Effect of Operation Size on Texas Dairy Production.” Texas A&M University System Pathways Symposium, Laredo, TX. November 7-8, 2019.

**OTHER PRESENTATIONS** (State or National Level)

Brian Whitacre and Jacob Manlove. "Rural Library Hotspot Lending Programs: Current Research and Development of a Pilot Program in Oklahoma." Seminar for Oklahoma Library Association Annual Meeting. April 26, 2017.

**MASS MEDIA**

Jacob Manlove. "Implications of Technology Adoption in the Workplace." iHeart Radio, Sacramento, Ca, June 10, 2019.

Jacob Manlove, Alexis Schrubbe, Madison Bishop, and Richelle Crotty. "[Borrowing the Internet: Library Program Lets Patrons Take Access Home.](#)" *The Daily Yonder*, January 11, 2017.

Brian Whitacre and Jacob Manlove. "[Use of Broadband Linked to Greater Levels of Civic Engagement.](#)" *The Daily Yonder*, September 22, 2016.

**TEACHING**

Oklahoma State University, Department of Agricultural Economics	<u>Rating</u>	<u># of Students</u>
• AGEC 3213, Quantitative Methods for Agricultural Economics, Fall 2017	4.8/5.0	68
• AGEC 1113, Introduction to Agricultural Economics, Fall 2015	N/A	118
Tarleton State University, Department of Agricultural and Consumer Sciences	<u>Rating</u>	<u># of Students</u>
• AGEC 2317, Introductory Agricultural Economics, Spring 2020	Scheduled	99
• AGEC 3314, The Agricultural Marketing System, Spring 2020	Scheduled	45
• AGEC 4086, Problems: Agricultural Policy, Spring 2020	Scheduled	1
• AGEC 4090, Quantitative Methods for Agribusiness, Spring 2020	Scheduled	10
• AGEC 4330, Agricultural Finance	Scheduled	33
• AGEC 1309, Microcomputer Applications in Agriculture, Fall 2019	4.4/5.0	39
• AGEC 2317, Introductory Agricultural Economics, Fall 2019	4.2/5.0	121
• AGEC 4325, Recreation and Tourism Economics, Fall 2019	4.3/5.0	24
• AGEC 4335, Farm Appraisal, Fall 2019	4.6/5.0	22
• AGEC 4325, Economics of Agribusiness Management, Summer 2019	4.6/5.0	35
• AGEC 4333, Recreation and Tourism Economics, Summer 2019	4.7/5.0	27
• AGEC 2317, Introductory Agricultural Economics, Spring 2019	4.8/5.0	27
• AGEC 2317, Introductory Agricultural Economics, Spring 2019	4.9/5.0	55
• AGEC 3314, The Agricultural Marketing System, Spring 2019	4.6/5.0	46
• AGEC 4330, Agricultural Finance, Spring 2019	4.7/5.0	44
• AGEC 1309, Microcomputer Applications in Agriculture, Fall 2018	4.8/5.0	27
• AGEC 2317, Introductory Agricultural Economics, Fall 2018	4.7/5.0	36
• AGEC 4325, Recreation and Tourism Economics, Fall 2018	5.0/5.0	24

**GUIDED STUDENT RESEARCH****Graduate Students**

<u>Role</u>	<u>Number of Students</u>	
	<u>Chair</u>	<u>Member</u>
Masters committee – completed students	0	0
Masters committed – current students	7	3

Sollyann Takai-Nakamura (Expected 2021). Committee Chair. M.S. Thesis: TBD.

Kennedy Rivers. (Expected 2021). Committee Member. M.S. Thesis: TBD.

Bodee Lamars. (Expected 2021). Committee Chair. M.S. Thesis: Effectiveness of Hedging as a Tool to Combat Drought.

Katelyn Ward. (Expected 2021). Committee Chair. M.S. Thesis: Effect of Temperament on WTP for Barrel Racing Horses.

Gretchen Singleton. (Expected 2021). Committee Chair. M.S. Thesis: An Application of the Travel Cost Method to Erath County Wineries.

Sabrina Jasper. (Expected 2021). Committee Chair. M.S. Thesis: Effectiveness for On-farm Dairy Tours in Influencing Consumer Perception.

Morgan Knight. (Expected 2020). Committee Member. M.S. Thesis: Factors Influencing Freshman Enrollment at Tarleton State University.

Kendall Birchmier. (Expected 2020). Committee Member. M.S. Thesis. TBD.

Sierra Rash. (Expected 2020). Committee Chair. M.S. Thesis. Impact of Oil and Gas Pipelines on West Texas Property Value.

Jared Netardus. (Expected 2020). Committee Chair. M.S. Thesis: Climate Variability on No-Till Profitability; Environmental Impacts.

**Undergraduate Students**

Hayden Taylor, 2019. Dean's Undergraduate Research Grant, Factors Influencing Adoption of Precision Agriculture Practices in Texas Cattle Production.

Glenn Conover and Gracie Martin, 2019. Faculty Student Internal Research Grant, The Economic Impact of Agriculture to Texas GDP.

Sara Martin, 2019. First Year Research Experience Grant. Estimating the Efficiency of Texas Dairy County Production Using Data Envelopment Analysis.

Matthew Martin, 2019. First Year Research Experience Grant. Measuring County Economic Efficiency Using Data Envelopment Analysis: An Application to the State of Texas.

## PROFESSIONAL DEVELOPMENT

Certificate in Effective College Instruction, Association of College and University Educators Endorsed by the American Council on Education, 2019-2020.

Scholarship of Teaching and Learning Cohort IV, Center for Instructional Innovation, Tarleton State University, 2019-2020.

Professional Grant Development Workshop, Grant Training Center, Fort Worth, TX, June 12-13, 2019.

## AWARDS

- Charles Benton Junior Scholar (2019). Telecommunications Policy Research Conference
- Graduate Student Research Award (2018). Telecommunications Policy Research Conference
- Graduate Student Research Award (2017). Telecommunications Policy Research Conference
- Second Place, Graduate Student Case Study Competition (2017), AAEA Annual Conference
- First Place, Graduate Student Case Study Competition (2016), AAEA Annual Conference
- Finalist, Graduate Student Extension Competition (2016), AAEA annual Conference
- Harry Mapp Fellowship (2015), Department of Agricultural Economics, Oklahoma State University
- Most Outstanding Graduate Student (2014). Department of Agricultural Economics, University of Arkansas

## GRANTS

\$750 – Faculty Development Grant. Funded. Tarleton State University. 2019-2020 Academic Year.

\$4,800 – Faculty-Student Research and Creative Activity Internal Grant, 2019-2020

\$750 – Faculty Development Grant. Funded. Tarleton State University. 2018-2019 Academic Year.

## UNIVERSITY AND PROFESSIONAL SERVICE

Tarleton State University

- Study Abroad and Global Exchange Advisory Committee, 2019-2020
- Faculty Student Research Advisory Council, 2019-2020
- Reviewer, Faculty Student Internal Grants, 2019

College of Agricultural and Consumer Sciences, Tarleton State University

- College Curriculum Committee, 2019 – Present
- State Fair of Texas, Agri-Science Fair Judge, 2019.
- Faculty Awards Committee, 2018
- Texas A&M System Symposium Judge, 2018
- Undergraduate Research Scholar Committee, 2018-present

Department of Agricultural and Consumer Sciences, Tarleton State University

- Department Curriculum Committee, 2019 - Present
- Undergraduate Research Initiative Committee, 2018 – Present

Department of Agricultural Economics, Oklahoma State University

- Treasurer (2017-2018), Graduate Student Association
- Department Representative (2015-2016), Graduate and Professional Student Government Association  
Agricultural and Applied Economics Association

Agricultural and Applied Economics Association

- Member, 2014 – Present

Western Agricultural Economics Association

- Member, 2014 – Present

Southern Agricultural Economics Association

- Member, 2014 – Present

Journal Manuscript Reviewer (Number of Manuscripts Reviewed in Parentheses)

- *Telecommunications Policy* (3)
- *Journal of Social Media in Society* (1)
- *Texas Journal of Agriculture and Natural Resources* (2)
- *Community Development* (1)