

**Nathan M. Thompson**  
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## **GENERAL INFORMATION**

### **Academic Degrees**

<u>Degree</u>	<u>Year</u>	<u>Major</u>	<u>Institution</u>
Ph.D.	2015	Agricultural Economics	Oklahoma State University
M.S.	2012	Agricultural Economics	University of Tennessee
B.S.	2010	Economics	University of South Florida
A.A.	2008	General	South Florida Community College

### **Professional Experience**

- 2016-present Assistant Professor, Department of Agricultural Economics, Purdue University, West Lafayette, Indiana
- 2012-2016 Graduate Research Assistant, Department of Agricultural Economics, Oklahoma State University, Stillwater, Oklahoma
- 2012 Research Associate, Department of Agricultural and Resource Economics, University of Tennessee, Knoxville, Tennessee
- 2010-2012 Graduate Research Assistant, Department of Agricultural and Resource Economics, University of Tennessee, Knoxville, Tennessee

### **Awards and Honors**

- Williams Outstanding Thesis Award, College of Agricultural Sciences and Natural Resources, Oklahoma State University, 2016
- Outstanding Teacher Award, Aggie-X Club, Oklahoma State University, 2015
- Spielman Scholarship Recipient, Oklahoma State University, 2014
- Mapp Fellowship Fund Recipient, Oklahoma State University, 2014
- USDA National Needs Fellowship Recipient, Oklahoma State University, 2012-2015
- Sitlington Enriched Graduate Fellowship, Oklahoma State University, 2012-2015
- Outstanding Graduate Student Award, Department of Agricultural and Resource Economics, University of Tennessee, 2012
- Gamma Sigma Delta, Honors Society of Agriculture, University of Tennessee, 2011
- Beta Gamma Sigma, International Honors Society of Business, University of South Florida, 2009
- Phi Theta Kappa, Honors Society of the Two Year College, South Florida Community College, 2008

### **Membership in Academic, Professional, and Scholarly Societies**

2012-present American Agricultural Economics Association

2012-present Southern Agricultural Economics Association  
2016-present American Society of Farm Managers and Rural Appraisers

### **Articles in Refereed Journals**

1. Thompson, N.M., N.J. Olynk Widmar, M.M. Schutz, J.B. Cole, C.A. Wolf. “Economic Considerations of Breeding for Polled Dairy Cows versus Dehorning in the United States.” *Journal of Dairy Science* (forthcoming).
2. C.D. Dick, N.M. Thompson, F.M. Epplin, D.B. Arnall. 2016. “Managing Late-Season Foliar Nitrogen Fertilization to Increase Grain Protein for Winter Wheat.” *Agronomy Journal* 108:2329-2338.
3. Thompson, N.M., E.A. DeVuyst, B.W. Brorsen, and J.L. Lusk. 2016. “Using Genetic Testing to Improve Fed Cattle Marketing Decisions.” *Journal of Agricultural and Resource Economics* 41:286-306.
4. Thompson, N.M., E.A. DeVuyst, B.W. Brorsen, and J.L. Lusk. 2015. “Yield and Quality Grade Outcomes as Affected by Molecular Breeding Values for Commercial Beef Cattle.” *Journal of Animal Science* 93:2045-2055.
5. Thompson, N.M., J.A. Larson, D.M. Lambert, R.K. Roberts, A. Mengistu, N. Bellaloui, and E.R. Walker. 2015. “Mid-South Soybean Yield and Net Return as Affected by Plant Population and Row Spacing.” *Agronomy Journal* 107:979-989.
6. Thompson, N.M., E.A. DeVuyst, B.W. Brorsen, and J.L. Lusk. 2014. “Value of Genetic Information for Management and Selection of Feedlot Cattle.” *Journal of Agricultural and Resource Economics* 39:139-155.
7. Thompson, N.M., F.M. Epplin, J.T. Edwards, and R.M. Hunger. 2014. “Economics of Foliar Fungicides for Winter Wheat in the USA Southern Great Plains.” *Crop Protection* 59:1-6.
8. Velandia, M., M. Buschermohle, J.A. Larson, N.M. Thompson, and B.M. Jernigan. 2013. “The Economics of Automatic Section Control Technology for Planters: A Case Study of Middle and West Tennessee Farms.” *Computers and Electronics in Agriculture* 95:1-10.

### **Invited and Selected Conference Papers**

1. Thompson, N.M., B.W. Brorsen, E.A. DeVuyst, and J.L. Lusk. 2016. “Random Sampling of Beef Cattle for Genetic Testing: Optimal Sample Size Determination.” Selected paper presented at the Southern Agricultural Economics Association Annual Meeting, San Antonio, TX, February 6-9.
2. Thompson, N.M., E.A. DeVuyst, B.W. Brorsen, and J.L. Lusk. 2015. “Using Genetic Information to Improve Fed Cattle Marketing Decisions.” Selected paper presented at the Agricultural and Applied Economics Association Annual Meeting, San Francisco, CA, July 26-28.

3. Thompson, N.M., E.A. DeVuyst, B.W. Brorsen, and J.L. Lusk. 2014. "Value of Genetic Information for Beef Cattle at the Feedlot Stage." Selected paper presented at the Southern Agricultural Economics Association Annual Meeting, Dallas, TX, February, 1-4.
4. Thompson, N.M., J.A. Larson, B.C English, D.M. Lambert, R.K. Roberts, M. Velandia, and C. Wang. 2012. "Adoption of Information Technologies and Subsequent Changes in Input Use in Cotton Production." Selected paper presented at the 11<sup>th</sup> International Conference on Precision Agriculture, Indianapolis, IN, July, 15-17.
5. Thompson, N.M., J.A. Larson, B.C English, D.M. Lambert, R.K. Roberts, M. Velandia, and C. Wang. 2012. "Adoption of Information Technologies in Cotton Production." Selected paper presented at the Beltwide Cotton Conference, Orlando, FL, January, 3-6.

### **Selected Conference Posters**

1. Thompson, N.M., F.M. Epplin, J.T. Edwards, and R.M. Hunger. 2013. "Foliar Fungicides for Winter Wheat." Selected poster Agricultural and Applied Economics Association Annual Meeting, Washington D.C., August, 4-8.
2. Thompson, N.M., J.A. Larson, R.K. Roberts, A. Mengistu, E.R. Walker. 2012. "Economically Optimal Plant Population Density in Midsouth Soybean Production." Selected poster Beltwide Cotton Conference, Orlando, FL, January, 3-6.

### **Submitted Work**

1. Thompson, N.M., B.W. Brorsen, E.A. DeVuyst, and J.L. Lusk. "A Bayesian Decision Theoretic Approach to Economically-Optimal Sample Size Determination: Randomly Sampling Beef Cattle for Genetic Testing." (Third review *American Journal of Agricultural Economics*).

### **Extension/Trade Press Publications**

1. Thompson, N.M., E.A. DeVuyst, B.W. Brorsen, and J.L. Lusk. 2013. "The Impacts of Genetics on Fed Cattle Profitability." Oklahoma Master Cattlemen's Newsletter Vol. 20, September.
2. Riley, J.M., and N.M. Thompson. 2015. "Genetics and Economics Finally Crossing Paths." Cow/Calf Producer, December.
3. Thompson, N.M. 2016. "Genetic Testing for Feedlots: Is it Profitable?" Purdue Agricultural Economics Report, June.
4. Bir, C., N. Olynk Widmar, C.A. Wolf, and N.M. Thompson. 2017. "A Survey of Farm Management and Reproductive Management Strategies on US Commercial Dairy Farms." Working Paper #17-1.

### **Professional Service Activities**

- Editorial Committee, *Journal of the American Society of Farm Managers and Rural Appraisers*, 2016-2019
- Selected Presentations Committee, Agricultural and Applied Economics Association, 2016-2019
- Article Reviewer, *American Journal of Agricultural Economics*, *Canadian Journal of Agricultural Economics*, *Journal of Animal Science*, *Agronomy Journal*, and *Open Journal of Veterinary Medicine*
- Reviewer, Selected Papers, 2015 Agricultural and Applied Economics Association Annual Meeting