

Ryan Blake Williams

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Texas A&M AgriLife Research
Texas A&M AgriLife Research & Extension at Lubbock
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EDUCATION

Ph.D., Economics, **Texas Tech University**, Lubbock, TX, 2009
M.E., Economics, **North Carolina State University**, Raleigh, NC, 2005
B.A., Economics, **Emory University**, Atlanta, GA, 1999

PROFESSIONAL APPOINTMENTS

Associate Professor	September 2017 - Present
Texas Tech University , Department of Agricultural & Applied Economics (75%) Texas A&M AgriLife Research , Lubbock (25%)	
Assistant Professor	April 2015 - August 2017
Texas Tech University , Department of Agricultural & Applied Economics (75%) Texas A&M AgriLife Research , Lubbock (25%)	
Assistant Professor	September 2011 - March 2015
Texas Tech University , Department of Agricultural & Applied Economics	

HONORS & AWARDS

2014. Outstanding Professor, College of Agricultural Sciences & Natural Resources, Texas Tech University. Recognized by the Student Agricultural Council.

2013. Outstanding Faculty Member, Department of Agricultural & Applied Economics, Texas Tech University. Recognized by the Agricultural Economics Association.

2008. Helen DeVitt Jones Outstanding Doctoral Graduate Part-Time Instructor, Texas Tech University. \$500 Honorarium.

PUBLICATIONS (* student co-authors)

- Alqaisi, O., O.A. Ndambi, and **R.B. Williams**. 2017. "Time series livestock diet optimization: Cost-effective broiler feed substitution using the commodity price spread approach." *Agricultural and Food Economics* 5(25):1-19. <http://dx.doi.org/10.1186/s40100-017-0094-9>
- Mitchell*, D., **R.B. Williams**, D. Hudson, and P. Johnson. 2017. "A Monte Carlo analysis on the impact of climate change on future crop choice and water use in Uzbekistan." *Food Security* 2017. <http://dx.doi.org/10.1007/s12571-017-0690-2>
- Williams, R.B.**, R. Al-Hmoud, E. Segarra, and D. Mitchell. 2017. "An estimate of the shadow price of water in the southern Ogallala Aquifer." *Journal of Water Resource and Protection* 9:289-304. <http://dx.doi.org/10.4236/jwarp.2017.93019>
- Cardella, E., B.T. Ewing, and **R.B. Williams**. 2017. "Price volatility and residential electricity decisions: Experimental evidence on the convergence of energy generating sources." *Energy Economics* 62:428-437. <http://dx.doi.org/10.1016/j.eneco.2016.07.012>

5. Post, R., D. Hudson, D. Mitchell, P. Bell, and **R.B. Williams**. 2016. "Rethinking the water-food-climate nexus and conflict: An opportunity cost approach." *Applied Economic Perspectives and Policy* 38(4):563-577. <http://dx.doi.org/10.1093/aep/ppw027>
6. **Williams, R.B.** and S. Zivkovic. 2016. "The external costs of wind farm development on the high plains: Are developers making an effort to minimize these costs?" *The Electricity Journal* 29(9):31-35. <http://dx.doi.org/10.1016/j.tej.2016.10.011>
7. Neill*, C.L. and **R.B. Williams**. 2016. "Consumer preference for alternative milk packaging: The case of an inferred environmental attribute." *Journal of Agricultural and Applied Economics* 48(3):241-256. <http://dx.doi.org/10.1017/aae.2016.17>
8. Bian*, D., **R.B. Williams**, A. Benson, and E. Segarra. 2016. "The effects of policy implementation uncertainty on groundwater extraction." *Journal of Contemporary Water Research and Education* 158:34-45. <http://ucowr.org/journal-issue-archives/158>
9. Neill*, C.L. and **R.B. Williams**. 2015. "An economic valuation on the external cost of alternative milk packaging." *Journal of Food Distribution Research* 46(3):68-80. <https://www.fdrsinc.org/wp-content/uploads/2015/11/5-112.pdf>
10. **Williams, R.B.** and R. Al-Hmoud. 2015. "Virtual water on the southern High Plains of Texas: The case of a nonrenewable blue water resource." *Natural Resources* 6(1):27-36. <http://dx.doi.org/10.4236/nr.2015.61004>
11. Cukrowicz, K.C., D.R. Jahn*, R.D. Graham*, E.K. Poindexter*, and **R.B. Williams**. 2013. "Suicide risk in older adults: Evaluating models of risk and predicting excess zeros in a primary care sample." *Journal of Abnormal Psychology* 122(4):1021-1030. <http://dx.doi.org/10.1037/a0034953>

GRANT ACTIVITY

1. Co-PI. 2014-2019. Economic and Policy Implications of Underground Water Use in the Southern Ogallala Region. Ogallala Aquifer Program (OAP) - U.S. Department of Agriculture. \$180,000 Total Award. Co-PIs include: Almas, L., Amosson, S., Golden, B., Guerrero, B., Mitchell, D., and Park, S.
2. Co-PI. 2018-2019. Enhancing Water Conservation through Remote Sensing from Unmanned Systems. Ogallala Aquifer Program (OAP) - U.S. Department of Agriculture. \$73,189 Total Award. Co-PIs include: Young, J., Ritchie, G., Guo, W., Deb, S., Weindorf, D., Bernard, E., and McCall, D.
3. Co-PI. 2018-2019. Comprehensive Evaluation of Tillage and Crop Rotation Practices under Deficit Irrigated and Dryland Conditions in the Texas South Plains. Ogallala Aquifer Program (OAP) - U.S. Department of Agriculture. \$64,546 Total Award. Co-PIs include: Bordovsky, J., Lewis, K., and Porter, D.
4. Co-PI. 2018-2019. Testing of Management Practices and Advanced Guar Breeding Lines for Profitable Production under Dryland and Limited Irrigation Conditions. Ogallala Aquifer Program (OAP) - U.S. Department of Agriculture. \$71,789 Total Award. Co-PIs include: Burow, M., Trostle, C., and Angadi, S.
5. Co-PI. 2017-2018. Integrated Grain Sorghum Production in a Cotton/Sorghum Rotation: Irrigation, Tillage and Weed Management in the Southern High Plains of Texas. Texas Grain Sorghum Producers Board. \$10,000 Total Award. Co-PIs include: Bordovsky, J.P., Keeling, W., and Lewis, K.
6. Co-PI. 2017-2018. Economic Decisions Under Stress. Texas Tech University Seed Grants for Interdisciplinary Research (TTU SGIR). \$114,000 Total Award. Co-PIs include: Hudson, D., Harris, B., Alquist, J., and Mitchell, D.
7. Co-PI. 2016-2017. Rainwater Harvesting Economic Analysis. High Plains Underground Water Conservation District (HPWD). \$13,969 Total Award. Co-PIs include: Howell, N.
8. Co-PI. 2015-2016. Economic analysis of residential irrigation habits and landscape design to reduce outdoor water usage. High Plains Underground Water Conservation District (HPWD). \$3,000 Total Award. Co-PIs include: Young, J.
9. Lead PI. 2015-2018. Enhanced Education and Expanded Research Capabilities Through Experimental Economics Laboratories. National Institute of Food and Agriculture (NIFA) - U.S. Department of Agriculture. \$269,279 Total Award. Co-PIs include: Hudson, D. and Wright, A.