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## DR. DONNA MCCALLISTER

Assistant Professor,  
Agricultural & Applied Economics

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*“My research will help to conserve groundwater from the Ogallala aquifer to ensure the viability of rural communities.”*

### RESEARCH EXPERTISE

- Analyzing downscaled climate projections
- Production and general economics
- Groundwater and agronomic modeling
- Behavioral/experimental economics

### PROFESSIONAL PREPARATION

- B.S. Texas Tech University, 2007
- M.S. Texas A&M University, 2009
- Ph.D. Texas Tech University, 2014

### FAVORITE ARTICLE

Mitchell, D., Hudson, D., Williams, R., & Johnson, P. (2017). A Monte Carlo analysis on the impact of climate change on future crop choice and water use. *Food Security*, 9(4), 697-709. <https://doi.org/10.1007/s12571-017-0690-2>

This article is the intersection of all of my favorite subjects: water scarcity, sustainability, climate change, and political instability.

### WHAT MAKES THE DAVIS COLLEGE GREAT?

The Davis College is unparalleled in its commitment to faculty, students, and the community. The Davis College excels in supporting faculty research success by providing multidisciplinary collaboration opportunities, research incentives, and training in grantsmanship to increase funding chances so faculty can address industry questions and needs.