

# Seong C. Park

Associate Professor

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## **Education**

Ph.D., Oklahoma State University, Agricultural Economics, 2009.

Dissertation: *Economic Analysis on Animal Manure; Static and Dynamic Approaches, COX Non-Nested Test and Optimal Nitrogen Rates for Grasses.*

M.S., West Texas A&M University, Agricultural Economics, May 2005.

## **Professional Experience**

Associate Professor, Department of Agricultural Economics, Texas A&M AgriLife Research and Texas A&M University. September 2015-Present.

Assistant Professor, Department of Agricultural Economics, Texas A&M AgriLife Research and Texas A&M University. September 2009-August 2015.

Adjunct Professor, Department of Agricultural Sciences, West Texas A&M University, October 2009-Present.

## **Areas of Interest**

Environmental and Natural Resource Management, (Bio)energy Economics, Sustainable Food Production, Rural Development, Ecological Economics, and Interdisciplinary Research

## **Selected Funded Projects**

Golden, B., B. Guerrero, L. Almas, S. C. Park and R. Williams. 2015. "Economic and Policy Implication of Underground Water Use in the Southern Ogallala Region" USDA-ARS OAP program, 10/01/2015 – 09/17/2017. \$200,000 (PI).

Golden, B., B. Guerrero, L. Almas, S. C. Park and R. Williams. 2014. "Economic and Policy Implication of Underground Water Use in the Southern Ogallala Region" USDA-ARS OAP program, 09/01/2014 – 08/31/2016. \$200,000 (PI).

Teague, R., and S. Park, S. 2013. "Evaluate Long-Term Economic Consequences of Using Traditional and Multi-Paddock Grazing in Southern Tallgrass Prairie." Sept. 2013- Aug. 2015. Nixon Water Foundation. \$74,642 (Co-PI).

Rajan, N., S. Ale, P. B. DeLaune, T. Baughman, S.C. Park, B. Bean, Q. Xue and S. Maas. 2011. "Development and Evaluation of Technologies for Improving Crop Production and Formulating Decision Management Tools." Texas AgriLife Cropping Systems Initiative. Sep. 2011-Aug. 2013. (Co-PI, \$300,000).

Park, S.C., S. Amosson, and B. McCarl. 2010 “Economic and Groundwater Use Implications of Bioenergy Feedstocks Production in the OAP Region.” Federal Ogallala Aquifer Program, Oct, 2010-Sep, 2012, Funded by (PI, \$ 74,200).

Park, S.C. and S. Amosson. 2010 “Economic Analysis of Abatement Measures.” May 2010-Dec.2011. Federal Air Quality Program: Reducing Emissions from Cattle Feedlots and Dairies. (PI, \$28,170)

**Committee and Supervision : Student (4) and Post-Docs (2)**

Former Students: Drs. Weiwei Wang, Gary Marek, Chin-Hsien Yu, and Bikash Bhattarai.

Post-docs: Dr. Tong Wang. Sept. 2012-Aug. 2015. Dr. Cho. Nov. 2011-May 2012.

**Selected Publications**

Wang, T., D. Hennessy, and S.C. Park. 2015. “Impact of Rurality and Gender on Veterinarian practice in the United States, 1990-2010.” *Agribusiness: an international journal*. DOI: 10.1002/agr.21433

Wang, T., and S.C. Park. 2014. “Livestock Disease Indemnity Design under Common Uncertainty: A Multi-agent Problem.” *Economic Bulletin* 34 (3): 1394-1409.

Wang, T., S.C. Park, R.J. Ansley, and S. Amosson. 2014. “Economic and Greenhouse Gas Efficiency of Honey Mesquite Relative to other Energy Feedstocks for Bioenergy Uses in the Southern Great Plains.” *BioEnergy Research*. DOI:10.1007/s12155-014-9475-z.

Cho, J., S.C. Park, J. Ansley, S. Choi, M. Mirik, and T. Kim. 2014. “Economic Feasibility of Rangeland Biomass Relative to Coal as Feedstock for Bio-electricity Generation.” *BioEnergy Research*. DOI: 10.1007/s12155-014-9447-3

Bhattarai, B., G.T. Fosgate, J.B. Osterstock, C.P. Fossler, S.C. Park, and A.J. Roussel. 2014. “Perceptions of veterinarians and producers concerning Johne's disease prevalence and control in US beef cow-calf operations,” *BMC Veterinary Research* DOI: 10.1186/1746-6148-10-27.

Tong, W., S.C. Park, S. Bevers, R. Teague, and J. Cho. 2013. “Factors affecting Cow-Calf Herd Performance and Greenhouse Gas Emissions.” *Journal of Agricultural and Resource Economics*, *In Press*.

Bhattarai, B., G.T. Fosgate, J.B. Osterstock, C.P. Fossler, S.C. Park, and A.J. Roussel. 2013. “Perceptions of Veterinarians in Bovine Practice and Producers with Beef Cow-Calf Operations Enrolled in the US Voluntary Bovine Johne’s Disease Control Program Concerning Economic Losses Associated with Johne’s Disease.” *Preventive Veterinary Medicine*, 112(3-4):330-7.

Park, S.C., B.W. Brorsen, A. Stoecker and J. A. Hattey. 2012. “Forage Response to Swine Effluent: Cox Nonnested Test of Alternative Functional Forms Using a Fast Double Bootstrap.” *Journal of Agricultural and Applied Economics*, 44:593-606.

Park, S.C., R. J. Ansley, M. Mirik, and M A. Maindrault. 2012. “Delivered Biomass Costs of Honey Mesquite (*Prosopis glandulosa*) for Bioenergy Uses in the Southern Great Plains, USA.” *BioEnergy Research*, 5:989-1001.