

## GwanSeon Kim

College of Agriculture  
Arkansas State University  
P.O. Box 1080  
State University, AR 72467

Phone: (662) 617-5501  
Office: (870) 972-2263  
E-mail: [gkim@astate.edu](mailto:gkim@astate.edu)

### EDUCATION

Ph.D., Agricultural Economics, University of Kentucky	2019
M.S., Agricultural Economics, Mississippi State University	2011
B.A., Business Information System, Mississippi State University	2009

### ACADEMIC APPOINTMENTS

Assistant Professor of Agricultural Economics	2019 – <i>Present</i>
<ul style="list-style-type: none"> <li>• <i>College of Agriculture, Arkansas State University</i></li> </ul>	
Graduate Teaching and Research Assistant	2013 – 2019
<ul style="list-style-type: none"> <li>• <i>Department of Ag Economics, University of Kentucky</i></li> </ul>	
Graduate Research Assistant	2009 – 2011
<ul style="list-style-type: none"> <li>• <i>Department of Ag Economics, Mississippi State University</i></li> </ul>	

### RESEARCH INTERESTS

*Primary:* Agribusiness, Food Marketing, Production, Spatial Econometrics

*Secondary:* Environmental and Resource Economics, Applied Econometrics

### REFEREED JOURNAL ARTICLES

**Kim, G.**, Sun-Ki Choi, Jun Ho Seok. “Does Biomass Energy Consumption Reduce Total Energy CO2 Emissions in the U.S.?” *Journal of Policy Modeling* [Accepted for publication and Forthcoming in 2020]

**Kim, G.**, M. Nemati, S. Buck, N. Pates, and T. Mark. "Recovering Forecast Distributions of Crop Composition: Method and Application to Kentucky Agriculture." *Sustainability* 12.7 (2020): 1-17.

Seok, Jun Ho, and **GwanSeon Kim**. “Impact of the positive list system (PLS) on the banana market in Korea.” *Journal of the Asia Pacific Economy* (2020): 1-15

Pak, Tae-Young, and **GwanSeon Kim**. "Food stamps, food insecurity, and health outcomes among elderly Americans." *Preventive medicine* 130 (2020): 105871

**Kim, G.**, J.H. Seok, T.B. Mark, and M.R. Reed. "The Price Relationship between Organic and Non-Organic Vegetables in the U.S.: Evidence from Nielsen Scanner Data." *Applied Economics* (2018): 1-15.

**Kim, G.**, J.H. Seok, and T.B. Mark. "New Market Opportunities and Consumer Heterogeneity in the U.S. Organic Food Market." *Sustainability* 10.9 (2018): 3166. doi:10.3390/su10093166.

Seok, J.H., H. Moon, **G. Kim**, M.R. Reed. "Is Aging the Important Factor for Sustainable Agricultural Development in Korea? Evidence from the Relationship between Aging and Farm Technical Efficiency." *Sustainability* 10.7 (2018): 1-15.

Seok, J.H., **G. Kim**, M.R. Reed, and S. Kim. "The Impact of Avian Influenza on the Korean Egg Market: Who Benefited?" *Journal of Policy Modeling* 40.1 (2018): 151-165.

Pak, T.Y. and **G. Kim**. "The impact of Medicare Part D on Cognitive Functioning at Older Ages." *Social Science & Medicine* 193 (2017): 118-126.

**Kim, G.** and T.B. Mark. "Impacts of corn price and imported beef price on domestic beef price in South Korea." *Agricultural and Food Economics* 5.1 (2017): 5.

Seok, J.H., **G. Kim**, and T.B. Mark. "The Impact of Minimum Wage on Food Away from Home Expenditure Using Structural Equation Model." *International Journal of Food and Agricultural Economics* 5.2 (2017): 45.

**Kim, G.** and Y. Zheng. "U.S. Nonalcoholic Beverage Demand: Evidence from AIDS Model with Dynamic Effect." *Journal of Agribusiness* 35 (2017): 1-14.

**Kim, G.**, D.R. Petrolia, and M.G. Interis. "A Method for Improving Welfare Estimates from Multiple-Referendum Surveys." *Journal of Agricultural and Resource Economics* 37.2 (2012): 289-300.

## **OTHER PUBLICATIONS**

**Kim, GwanSeon**. "The What and Why of Organic Produce Prices." *American Vegetable Grower*, October 2018: 4-6.

Petrolia, D.R., M.G. Interis, M.K. Hidrue, J. Hwang, **G. Kim**, R.G. Moore. "America's Wetland? A National Survey of Willingness to Pay for Restoration of Louisiana's Coastal Wetlands." Final Project Report, Department of Agricultural Economics, Mississippi State University, April 2012.

## **WORKING PAPERS**

**Kim, G.**, J. Schieffer, and T.B. Mark. "Do Superfund Sites Affect Local Property Values? Evidence from a Spatial Hedonic Approach." [Revise and Resubmit]

**Kim, G.** and T.B. Mark. "Markets for Industrial Hemp are Smokin', Despite Legal-Limbo Status" [Under Review]

Seok, J.H. and **G. Kim**. “Asymmetric Price Transmission from Crude Oil to Domestic Gasoline in South Korea.” [Under Review]

**Kim, G.** and T.B. Mark. “Factors Affecting Heterogeneous Agricultural Land: The Case of Kentucky.” [In Progress]

Pates, N., **G. Kim**, and T.B. Mark. “Mid-Season Production Throttles: An Analysis of the Intra-Seasonal Field Crop Yield-Price Relationship in the US.” [In Progress]

Seok, J.H., **G. Kim**, and T.B. Mark. “Does the Agricultural Growth Lead Methane Emissions? Evidence from 34 Major Meat Production Countries.” [In Progress]

### **RESEARCH GRANT**

Unfunded: **GwanSeon Kim** (PI), Jun Ho Seok (PI), and Tyler Mark (Co-PI). Food Connection at UK Student Opportunity Grant for the paper “Nonlinear Relationship between Income and Total Food Expenditure: Evidence from a Threshold Framework.”, 2016

Submitted: **GwanSeon Kim** (PI). Faculty Research Fund at Arkansas State University. “Environmental Impact of Rice Production in the U.S.” 2020

### **TEACHING EXPERIENCE**

#### *Arkansas State University (Primary Instructor)*

- Introduction to Agricultural Business, *Fall 2019 and Spring 2020*
- Agricultural Policy, *Fall 2019 and Spring 2020*
- Agricultural Finance, *Spring 2020*

#### *University of Kentucky (Primary Instructor)*

- Agricultural Product Marketing and Sales, *Spring 2019*
- Introduction to Analysis with Business Software, *Spring 2018*
- Introduction to Analysis with Business Software, *Spring 2017*

#### *Other Teaching Experience*

- **Teaching Assistant**, Natural Resource and Environmental Economics (Undergraduate), University of Kentucky, *Fall 2016* (3 credit; 35 Undergraduate students)
- **Guest Lecture**, Advanced Production Economics (Graduate), Title: “Spatial Econometrics”, University of Kentucky, *Fall 2016, 2017, and 2018*
- **Teaching Assistant**, Agricultural Management (Undergraduate), University of Kentucky, *Fall 2015* (4 credit; 56 Undergraduate students)

**JOURNAL REVIEWER**

Journal of Agricultural and Applied Economics (2018)  
Renewable Agricultural and Food Systems (2017)

**CONFERENCE PRESENTATIONS*****Oral Presentations***

**Kim, G.** and T.B. Mark. "Factors Affecting Heterogeneous Agricultural Land: The Case of Kentucky." Agricultural and Applied Economics Association (AAEA) Annual Meeting, Atlanta, GA, July 21-23, 2019

**Kim, G.** and T.B. Mark. "Who are Consuming Hemp Products in the US? Evidence from Nielsen Homescan Data." Southern Agricultural Economics Association (SAEA) Annual Meeting, Jacksonville, FL, February 3-6, 2018.

**Kim, G.,** T.B. Mark, and S.C. Buck. "Incorporating New Crops into Traditional Crop Rotation and the Environmental Implication." Southern Agricultural Economics Association (SAEA) Annual Meeting, Mobile, Alabama, February 4-7, 2017.

**Kim, G.,** J. Schieffer, and T.B. Mark. "Do Superfund Sites Affect Local Property Values? Evidence from a Spatial Hedonic Approach." Agricultural and Applied Economics Association (AAEA) Annual Meeting, Boston, MA, July 31-August 2, 2016

**Kim, G.,** and S.H. Saghaian. "The Impact of Households' Characteristics on Food at Home and Food away from Home." Southern Agricultural Economics Association (SAEA) Annual Meeting, San Antonio, TX, February 6-9, 2016.

**Kim, G.** and T. Mark. "Impacts of Corn Price and Imported Beef Price on Domestic Beef Price in South Korea." International Agricultural Trade Research Consortium (IATRC) Annual Meeting, Clearwater Beach, FL, December 13-15, 2015.

**Kim, G.,** D.R. Petrolia, and M.G. Interis. "Improving Value Estimates for Restoration of Mississippi's Barrier Islands." Northern Gulf Institute Annual Meeting, Mobile, AL, May 17-19, 2011.

**Kim, G.,** D.R. Petrolia, and M.G. Interis. "Using Multiple-Scenario Contingent Valuation Data to Estimate Willingness to Pay for Restoration of Mississippi's Barrier Islands." Southern Agricultural Economics Association (SAEA) Annual Meeting, Corpus Christi, TX, February 5-8, 2011.

**Kim, G.,** D.R. Petrolia, and M.G. Interis. "Using Multiple-Scenario Contingent Valuation Data to Estimate Willingness to Pay for Restoration of Mississippi's Barrier Islands." Bays & Bayous Symposium, Mobile, AL, December 1-2, 2010.

***Posters***

**Kim, G.**, J.H. Seok, A. Shew “Long Grain Rice Price, Oil Price, and International Demand Drive Medium Grain Rice Price in the US” Southern Agricultural Economics Association (SAEA) Annual Meeting, Louisville, KY, February 1-4, 2020 (Poster)

**Kim, G.**, S.K. Choi, and J.H. Seok. “Nonlinear Causal Relationship between Shale Oil Price and Employment in the U.S.: Evidence from a Nonlinear ARDL Approach.” American Economic Association (AEA) Annual Meeting, Atlanta, GA, January 4-6, 2019.

Seok, J.H., **G. Kim**, and S.H. Saghaian. “The Impact of Increased Ethanol Production on Corn, Crude Oil, and Beef Prices: A Threshold Vector Error Correction Model Approach.” American Economic Association (AEA) Annual Meeting, Philadelphia, PA, January 5-7, 2018.

**Kim, G.**, J.H. Seok, and T.B. Mark. “Exploring New Marketing Opportunities from the Nonlinear Relationship between Income and Organic Food Expenditure.” American Economic Association (AEA) Annual Meeting, Chicago, IL, January 6-8, 2017.

Seok, J.H., **G. Kim**, and T.B. Mark. “The Impact of Minimum Wage on Food Away from Home Expenditure Using Structural Equation Model.” Agricultural & Applied Economics Association (AAEA) Annual Meeting, Chicago, IL, July 30 - August 1, 2017

Mark, T.B., T.W. Griffin, and **G. Kim**. “Mobile Broadband Coverage in the United States: Its Implications for Telematics and Big Data Adoption.” European Precision Conference on Precision Agriculture, Edinburgh, Scotland. July 2-7, 2017.

Mark, T.B., T.W. Griffin, **G. Kim**, and L. Powers. “Mobile Broadband Coverage in the United States: Its Implications for Telematics and Big Data Adoption.” 21<sup>th</sup> International Farm Management Congress Conference, Edinburgh, Scotland. July 2-7, 2017.

**Kim, G.** and T.B. Mark. “Where is the feedstock going on to come from to power a sustainable Kentucky bioeconomy?” Southern Agricultural Economics Association (SAEA) Annual Meeting, San Antonio, TX, February 6-9, 2016.

***Other Presentations***

“Hemp Economics.” 2018 Kentucky Hemp Industry Association Spring Conference. Lexington, KY, April 3, 2018.

“Marketing and Economics.” Hemp in Uruguay. Montevideo, Uruguay. December 2-6, 2017.

“Farm-Level Economics of Hemp.” 24<sup>th</sup> Annual Conference of the Hemp Industries Association. Lexington, KY, September 9-11, 2017.

“Hemp... What Role Might This Crop Play in Kentucky?” University of Louisville Conn Center Seminar. Louisville, KY, February 17, 2017.

## **UNIVERSITY SERVICE**

### *Arkansas State University*

- Search committee member, Assistant Professor of Agricultural Economics, *College of Agriculture*, 2020
- Undergraduate Curriculum committee member, College of Agriculture, 2019 – ***Present***
- Recruiting Booth, Southern Agricultural Economics Association Annual Meeting, 2020

## **TECHNICAL SKILLS**

Statistical programs: STATA, SAS, and R

Geographical software: ArcGIS and GeoDa

Design Suites: Photoshop, Illustrator, Web design

Program Languages: HTML and Java

## **LANGUAGES**

Korean: Native fluency

English: Fluent (speaking, reading, writing, comprehensive)

Japanese: Basic (speaking, reading, writing)

## **PROFESSIONAL ACTIVITIES**

Member, American Economic Association

Member, Southern Economic Association

Member, Agricultural and Applied Economics Association

Member, Southern Agricultural Economics Association

Member, Phi Kappa Phi