2

 - KATUSA (Korean Augmentation To the United States Army) soldier, See
https://8tharmy.korea.army.mil/site/about/katusa-soldier-program.asp
https://www.army.mil/article/161692/katusas_take_final_steps_of_military
_service

FIELDS OF
CONCENTRATION
Ph.D., Agricultural Business, Industrial Organization, Structural Estimation
M.Sc., Energy, Resource, and Environmental Economics

CURRENT
RESEARCH
INTEREST
Market Structure in Agricultural and Food Markets
Market Structure along Food Supply Chains
Pricing Strategy in Online Grocery Markets
Consumer Behavior
Food Safety
Big Data Analytics: Web-Scraping, Social Media Analytics
Forecasting with Machine Learning

TEACHING Economics of Agriculture. Undergraduate (Sophomore.) Fall 2023, Spring 2024
 Agribusiness Marketing. Undergraduate (Junior). Fall 2023.
 Agricultural Business Management. Undergraduate (Junior). Fall 2023.

PUBLICATIONS Kim, Y., Jung, J., Yu, K., Kim, S., and Widmar, N. O. 2024. Spatial
differentiation in food service pricing: an explorative study with web-scraped
data.

4

 Jung, J., Sesmero, J. P. and Siebert, R. “The Effect of Spatial Market Structure
and Competition Among Ethanol Plants on the Spatial Pattern of Corn Prices:
A Study in Indiana”. Target Journal: American Journal of Agricultural Economics.

 Jung, J., Lusk, J., and Balagtas, J. “Food prices and its dispersion using Web
Scraped Data.” Target Journal: Review of Economics and Statistics.

 Jung, J., Kim, Y., Lusk, J., Seibert, R., and Widmar, N. “Spatial Pricing
Differentiation of Fast-Food Restaurant; A Study with Web-Scraped Data
from Delivery Service Platform.” Target Journal:

 Jung, J., Kim, Y., Widmar, N. O., Lusk, J. “Three on Delivery Fee and Four on
Menu Price. Pricing Strategy of Restaurant Business with Delivery
Application”. Target Journal: Agribusiness

 Jung, J., Kim, Y., Kim, S. Widmar, N. O., and Lusk, J. “Sales-Weighted Online
Agricultural Commodity Price Index: Using Sales and Price Data web-scraped from Online Grocery Stores in South Korea”. Target Journal: Applied
Economic Perspectives and Policy

 Jo, J., Lusk, J., Adjemian, M., and Jung, J. ´Food Price Forecasting with
Volumes and Sentiment of Social Media: An Approach of Bayesian Structural
Time Series with Machine Learning”. Target Journal: International Journal of
Forecasting

 Jung, J., Kim, Y., Kim, S., Yu, K., Suh, T. “Estimating the Degree of Market
Power in the Fruits and Vegetable Wholesale Market in Korea”. Target
Journal: Agricultural and Resource Economics Review

 Jung, J., Sesmero, J. P., Siebert, R. “The Dynamic Response of Local Corn Prices
to Ethanol Plant Entry: Implications for Short- and Long-run Corn Supply
Elasticities”. Target Journal: Applied Economic Perspectives and Policy

WORK IN
PROGRESS
“Price Dispersion, Chain and Regional Heterogeneity, and Search in Online
Grocery Markets in the US”

 “Breadth and Depth of Promotional Strategies of Online Grocery Retailers in the
US”

 “Spatial Market Structure of Restaurant Business with Delivery Application: A
Case from the US based on Web-Scrapped Data”

6

Markets: Evidence from the Corn Market in Indiana" (Accepted but Conference

Cancelled due to COVID19)

8

REVIEW SERVICE Peer-Reviewed Journal
 - Agribusiness (1)
 - Agricultural Economics (1)
 - American Journal of Agricultural Economics (1)
 - Canadian Journal of Agricultural Economics (1)
 - Energy Policy (1)
 - Journal of Cleaner Production (1)
 - Renewables: Wind, Water, and Solar (2)
 - Spatial Economic Analysis (2)
 - Utility Policy (1)

 Conference Abstract
 - Agricultural and Applied Economics Association in 2020 (Subject:
Agribusiness Economics & Management, Industrial Organization)

 - Agricultural and Applied Economics Association in 2018 (Subject:
Environmental and Non-market Valuation)

AWARDS and
HONORS
Scholarship, LG Display (LG Phillips LCD), Seoul, Republic of Korea 2005

OTHER
INFORMATION
Language: English (Fluent), Korean (Native), Japanese (Intermediate), Spanish
(Beginner)
Software Skills: C++, GAMS, ArcGIS, R, STATA, MATLAB, Python