

S-1043 Station Report, Auburn University, March 2011

by Curtis M. Jolly:

Using the elasticities from the AIDS model to evaluate international market competitiveness: the case of three Egyptian wheat markets, with J. M. Kagochi. *International Journal of Trade and Global Markets*. 3 (2010): 154-69.

Seafood import demand in the Caribbean region, with Giap V. Nguyen. Selected Paper presented at the Southern Agricultural Economics Association annual meeting, Orlando, Florida, February 6-9, 2010.

by Henry W. Kinnucan:

Goodwill and export promotion dynamics, with L. Gong. Paper presented at the invited paper session of the Food Distribution Research Society entitled "Setting the Agenda for Food Marketing and Economics Research" held in Sandestin, Florida, October 19, 2010.

A benefit-cost analysis of U.S. agricultural trade promotion, with H. Cai. *American Journal of Agricultural Economics*. 92 (2010). Advanced Access.

by Henry Thompson:

The fixed factor proportions model of production and trade, *Keio Economic Studies* (2010) forthcoming

Stolper-Samuelson production box, Chapter 40 in *Famous Figures and Diagrams in Economics*, edited by Peter Lloyd and Marc Blaug (2010) Edward Elgar Publishers

The Cuban embargo and Southeastern agricultural exports, with Cassandra Copeland, *Southern Economics and Business Journal* (2010) forthcoming

Estimating the Heckscher-Ohlin model: inverting the inverse matrix, Special Issue of the *International Review of Economics and Finance* "Heckscher-Ohlin Theory: A Modern Approach" (2010) forthcoming

Stolper-Samuelson time series: Long term US wage adjustment, *Review of Development Economics* (2010) forthcoming

Wages in a factor proportions time series model of the US, *Journal of International Trade and Economic Development* (2010) 241-56.

The exchange rate, euro switch, and tourism revenue in Greece, with Alexi Thompson Tourism Economics (2010) 773-6

A note on the oil price trend and GARCH shocks, with Jing Li, The Energy Journal (2010) #3

by Norbert Wilson:

It happened all at once: Switching regressions, gravity models and food safety, with Victoria Bray, Selected Paper presented at the Agricultural and Applied Economics Association annual meetings, Denver, Colorado, July 25-27, 2010.

Dwi Susanto, C. Parr Rosson, David P. Anderson, and Flynn J. Adcock. "Immigration Policy, Foreign Agricultural Labor, and Exit Intentions in the U.S. Dairy industry" *Journal of Dairy Science*, *J. Dairy Sci.* 93 :1774–1781, doi: 10.3168/jds.2009-2733, © American Dairy Science Association®, 2010.

Dwi Susanto, C.P. Rosson, Flynn J. Adcock, and David P. Anderson. "Impacts of Hired Foreign Labor on Milk Production and Herd Size in the United States." *Journal of the ASFMRA*, June 4 2010: 63-73.

Rosson, Parr. "Potential Trade War Looms If Currency Issues Not Addressed," *Texas Agriculture*, p. 24, Texas Farm Bureau, November 5, 2010.

Rosson, Parr, Flynn Adcock and Eric Manthei. *Estimated Economic Impacts of the Travel Restriction Reform and Export Enhancement Act of 2010*, CNAS 2010-01, March 2010. <http://cnas.tamu.edu>.

Rosson, Parr, Flynn Adcock, and Eric Manthei. *Economic Impacts of the Travel Restriction Reform and Export Enhancement Act of 2010 on Texas*. Center for North American Studies Issue Brief 2010-06, March 24, 2010. <http://cnas.tamu.edu/>

Rosson, Parr, Flynn Adcock, and Eric Manthei. *Economic Impacts of the Travel Restriction Reform and Export Enhancement Act of 2010 on Minnesota*. Center for North American Studies Issue Brief 2010-07, March 24, 2010. <http://cnas.tamu.edu/>

Rosson, Parr, Flynn Adcock, and Eric Manthei. *Economic Impacts of the Travel Restriction Reform and Export Enhancement Act of 2010 on Missouri*. Center for North American Studies Issue Brief 2010-08, March 24, 2010. <http://cnas.tamu.edu/>

Rosson, Parr, Flynn Adcock, and Eric Manthei. *Economic Impacts of the Travel Restriction Reform and Export Enhancement Act of 2010 on Louisiana*. Center for North American Studies Issue Brief 2010-09, March 24, 2010. <http://cnas.tamu.edu/>

Rosson, Parr, Flynn Adcock, and Eric Manthei. *Economic Impacts of the Travel Restriction Reform and Export Enhancement Act of 2010 on Nebraska*. Center for North American Studies Issue Brief 2010-10, March 24, 2010. <http://cnas.tamu.edu/>

Rosson, Parr, Flynn Adcock, and Eric Manthei. *Economic Impacts of the Travel Restriction Reform and Export Enhancement Act of 2010 on North Carolina*. Center for North American Studies Issue Brief 2010-11, March 24, 2010. <http://cnas.tamu.edu/>

Rosson, Parr, Flynn Adcock, and Eric Manthei. *Economic Impacts of the Travel Restriction Reform and Export Enhancement Act of 2010 on Oklahoma*. Center for North American Studies Issue Brief 2010-12, March 24, 2010. <http://cnas.tamu.edu/>

Rosson, Parr, Flynn Adcock, and Eric Manthei. *Economic Impacts of the Travel Restriction Reform and Export Enhancement Act of 2010 on California*. Center for North American Studies Issue Brief 2010-13, March 24, 2010. <http://cnas.tamu.edu/>

Rosson, Parr, Flynn Adcock, and Eric Manthei. Economic Impacts of the Travel Restriction Reform and Export Enhancement Act of 2010 on Arkansas. Center for North American Studies Issue Brief 2010-14, March 24, 2010. <http://cnas.tamu.edu/>

Rosson, Parr, Flynn Adcock, and Eric Manthei. Economic Impacts of the Travel Restriction Reform and Export Enhancement Act of 2010 on Illinois. Center for North American Studies Issue Brief 2010-15, March 24, 2010. <http://cnas.tamu.edu/>

Rosson, Parr, Flynn Adcock, and Eric Manthei. Economic Impacts of the Travel Restriction Reform and Export Enhancement Act of 2010 on New York. Center for North American Studies Issue Brief 2010-16, March 24, 2010. <http://cnas.tamu.edu/>

Rosson, Parr, Flynn Adcock, and Eric Manthei. Economic Impacts of the Travel Restriction Reform and Export Enhancement Act of 2010 on Virginia. Center for North American Studies Issue Brief 2010-17, March 24, 2010. <http://cnas.tamu.edu/>

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Rosson, Parr. Tourism and Agriculture in Cuba. Center for North American Studies, March 22, 2010. <http://cnas.tamu.edu/>

Rosson, Parr. 2009 Economic Impacts of U.S. and Texas Exports to Cuba. Center for North American Studies Issue Brief 2010-02, March 5, 2010. <http://cnas.tamu.edu/>

Rosson, Parr. 2009 Economic Impacts of U.S. and Minnesota Exports to Cuba. Center for North American Studies Issue Brief 2010-03, March 5, 2010. <http://cnas.tamu.edu/>

Rosson, Parr. 2009 Economic Impacts of U.S. and North Carolina Exports to Cuba. Center for North American Studies Issue Brief 2010-04, March 5, 2010. <http://cnas.tamu.edu/>

Rosson, Parr. 2009 Economic Impacts of U.S. and Oklahoma Exports to Cuba. Center for North American Studies Issue Brief 2010-05, March 5, 2010. <http://cnas.tamu.edu/>

Rosson, Parr. Potential Economic Impacts of a Colombia Trade Agreement. Center for North American Studies Issue Brief 2010-01, February 22, 2010. <http://cnas.tamu.edu/>

Shida Rastegari Henneberry

Progress Report

Ag Experiment Station Project

OKL02702

S-1043

10/1/09 to 9/30/10

General Objective: 1) Determine economic impacts of changes in domestic policies on the competitiveness of Southern agriculture, and 2) Determine economic impacts of international institutions (WTO, IMF, World Bank), trade agreements, and government regulation on the competitiveness of Southern agriculture.

Key Words: NAFTA, domestic policies, meat trade

Progress: 10/1/09 to 9/30/10

During 2009/10 period, research on this project resulted in three journal articles.

Journal Articles:

7. Zheng, Z. and S. R. Henneberry. "Household Food Demand by Income Category: Evidence from Household Survey Data in Urban China," *Agribusiness: an Intl J.*, Vol. 26: 1–20 (June 2010).
6. Zheng, Z. and S. R. Henneberry. "Demand for Food Grains in Urban China: A Cross-Section Estimation of Economic and Demographic Effects," *Journal of Agricultural & Applied Economics*, 42:2 (May 2010):337-355.
5. Zheng, Z. and S. R. Henneberry. "The impact of changes in income distribution on current and future food demand in urban China," *Journal of Agricultural and Resource Economics*. 35:1(April 2010):51-71.
4. Zheng, Z. and S. R. Henneberry. "An Analysis of Food Demand in China: A Case Study of Urban Households in Jiangsu Province." *Review of Agr. Econ. (RAE)*, 31:4 (Winter 2009): 873-893.
3. Henneberry, S. R.; J. E. Mutondo; and B. W. Brorsen, "Global Welfare Impacts of U.S. Meat Promotion Activities." *Agricultural and Resource Economics Review (ARER)*, 38:3 (Dec 2009): 418-430.
2. Henneberry, S. R.; B. Whitacre; and H. Agustini. "An Evaluation of Economic Impacts of Oklahoma Farmers' Markets." *Journal of Food Distribution Research*, 40:3 (November 2009): 64-78.
1. Mutondo, Joao, Wade Brorsen, and Shida Henneberry. "Welfare Impacts of BSE-Driven Trade Bans." *Agricultural and Resource Economics Review (ARER)*, 38:3 (Dec 2009): 324-329.

Dissertations and Theses Supervised:

Jae Hong Park, Ph.D. (S. Korea), Agricultural Economics, May 2010.

Dissertation title: Essays on International Grain Marketing and Demand System Analysis.

Fredy Ballin (Colombia), M.S., Dept. of Agricultural Economics, May 2010.

Thesis Title: Assessment of Market Opportunities for US HWW in Selected Latin American Countries.

Project Number: MIS-151150

CRIS Number: 0216796

Multi-State Project: S1043

Economic Impacts of International Trade and Domestic Policies on Southern Agriculture

Investigators: Allen, A. J.

Performing Department: Agricultural Economics -- 0030

Start Date: 10/01/2008 **Termination Date:** 09/30/2013

Reporting period: 01/01/2009 to 12/31/2009

Outputs:

Two publications including one that is forthcoming and four presentations were generated in 2009 for this project. Information from one of these outlets has been disseminated to interested stakeholders through a refereed journal article. The results from this article provided information to peers, graduate students, and other interested individuals. Also, the publications and presentations gave us (the authors) an opportunity to interact with various individuals and groups in several different settings including conferences. These settings enabled us to discuss our work, present it, and publish it in a widely known media outlet to reach interested stakeholders.

Publications:

Yeboah, O., Shaik, S., and Allen, A., (2009). Exchange Rates Impacts on Agricultural Inputs Prices using VAR. *Journal of Agricultural and Applied Economics*, 41, 2:511-520.

Allen, A.J., Myles, A.E., Shaik, S., and Yeboah, O. (2009). Safety of Food Imports Entering the United States: A Cross-Country and Violation Analysis. Forthcoming in the Proceedings Issue of the 66th Annual Professional Agricultural Workers Conference (PAWC), Edited by Nii O. Tackie, Robert Zabawa, Ntam Baharanyi, and Walter Hill, Tuskegee University, Tuskegee, Alabama.

Outcomes/Impacts:

The authors were able to empirically capture the short-run dynamics of exchange rates and the law of one price (LOP) effects on four traded nonfarm produced inputs (chemicals, farm machinery, feed and fertilizer) between the United States and Mexico over the period 1981-2008 using the vector autoregressive (VAR) model in a seemingly unrelated regression (SUR) framework in one of their studies. This framework allowed the authors to conclude that industrial prices of these inputs are more likely to be unresponsive to exchange rates than commodity prices. In another analysis, the authors used a constant market share analysis to measure the relative competitiveness of U.S. snack food exports. The results from this technique reveal that most of the gains in snack food exports were due to growth in world demand between 2004 and 2008.

Participants:

Nothing significant to report during this reporting period.

Target Audiences:

The target audiences for this project include exporters/importers, farmers, graduate students, agricultural economists, and domestic and international policy makers.

Project Modifications:

Nothing significant to report during this reporting period.

Related Activities to CRIS Report under the Auspices of S-1043:

A. Presentations:

Osei Yeboah, Saleem Shaik, and **Albert Allen**, "Identifying Exchange Rates Impacts on Agricultural Inputs Prices Using VAR." Paper presented at the Southern Agricultural Economics Association Meetings, January 31- February 3, 2009, Atlanta, GA

Albert J. Allen, Charlie Forrest, and Steve Murray, "A Case Study Analysis of Changes in Selected Bulgarian Agribusiness Firms between 1996 and 2009," Research Update paper presented at the 2009 FDRS Annual Conference, held at the Omni Interlocken Resort, Broomfield, Colorado, October 31-November 4, 2009.

Safdar Muhammad, Maha S. Aldarei, and **Albert J. Allen**, "Analyzing Consumers' Perception and Attitudes about Organic Food Products in the United Arab Emirates (UAE)," Research Report paper presented at the 2009 FDRS Annual Conference, held at the Omni Interlocken Resort, Broomfield, Colorado, October 31-November 4, 2009.

Albert E. Myles and **Albert J. Allen**, "Factors Affecting Relative Changes in Snack Foods Exports Among Countries: A Constant Market Share Analysis," Research Report paper presented at the 2009 FDRS Annual Conference, held at the Omni Interlocken Resort, Broomfield, Colorado, October 31-November 4, 2009.

B. Works-in-Progress:

1. Eksioglu, Burak, Sandra D. Eksioglu, **Albert J. Allen**, and Albert E. Myles, "A Simulation Model to Analyze the Impact of Crisis Conditions on the Performance of Port Operations," Project funded by the National Center for Intermodal Transportation, A Partnership between the University of Denver and Mississippi State University, March 2008.
2. Sandra Eksioglu and **Albert J. Allen**, "Intermodal versus Rail, Truck, and Barge in Transporting Biomass and Bio-fuels," Projected funded by the National Center for Intermodal Transportation (NCIT), University of Denver, 2009-2010.
3. **Albert J. Allen**, Charlie Forrest, and Steve Murray, "Changes in Bulgarian Agriculture between 1996 and 2009: Case Studies of Ten Farms and Agribusinesses," Project funded by the University of Delaware, 2009. We have completed a draft reported and submitted it to the University of Delaware for reviewing.
4. "Sulis: A Framework for Healthy Watersheds - Healthy Oceans Draft 26 July 2009," (White Paper). This work was performed with funding from the Northern Gulf Institute (NGI) project NGI08-MSU-03, Watershed Modeling Improvements to Enhance Coastal Ecosystems, under the guidance of Jairo N. Diaz-Ramirez and William H. McAnally. This document was prepared by a team consisting of **Albert J. Allen** and Albert E. Myles, Department of Agricultural Economics; G. Wayne Wilkerson; Department of Landscape Architecture; John Cartwright, Rita Jackson, and Phillip Amburn; Geosystems Research Institute, William McAnally, James

Martin, and Jairo-Diaz-Ramirez, Civil and Environmental Engineering Department; all at Mississippi State University; Julie Baca and Bernard Hsieh, U.S. Army Corps of Engineers; and Stephen C. Sanborn and Christopher M. Wallen, Dynamic Solutions, LLC, Jeffrey A. Ballweber, Pickering Engineering. Dr. David Shaw is Director of the NGI and Dr. Michael Carron is Co-Director and Chief Scientific Officer. The NGI web site is at: <http://www.northerngulfinstitute.org/home/ngi.php>. The paper is currently being reviewed for publishing in 2010.

5. **Allen, Albert J.** Charlie Forrest, and Steve Murray, “A Case Study Analysis of Changes in Selected Bulgarian Agribusiness Firms between 1996 and 2009.” We have submitted this paper for a possible publication in the 2010 Proceedings Issue of the *Journal of Food Distribution Research* (JFDR).
6. Myles, Albert E. and **Albert J. Allen**, “Factors Affecting Relative Changes in Snack Foods Exports Among Countries: A Constant Market Share Analysis.” We have submitted this paper for a possible publication in the 2010 Proceedings Issue of the *Journal of Food Distribution Research* (JFDR).
7. Safdar Muhammad, Maha S. Aldarei, and **Albert J. Allen**, “Analyzing Consumers' Perception and Attitudes about Organic Food Products in the United Arab Emirates (UAE).” We will submit this paper for a refereed article in the *Journal of Food Distribution Research* (JFDR) in 2010.