

**Paul W. Armah**

Professor of Agricultural Economics and Food Marketing  
Arkansas State University, Jonesboro



**Current Appointment:** 75% Teaching, 20% Research, 5% Service

**Education:**

1989 Ph.D., University College of Wales, U.K.

1985 M.Sc., University College of Wales, U.K.

1983 Post-Graduate Diploma, University College of Wales, U.K.

1977 B.Sc., University of Ghana, Ghana

**Professional Experience:****Teaching**

Professor, Arkansas State University, Arkansas, 2002 to Present,

Associate Professor, Arkansas State University, Arkansas, 1997 to 2001

Assistant Professor, Truman State University, Missouri, 1994 to 1997

Economics Instructor, Sierra College, California, 1991 to 1994

**Industry**

Inventory Coordinator/Planner, Basic Vegetables Products, (Division of America General Foods Inc.) Modesto, CA., 1993 to 1994

Inventory Control Analyst, Kraft General Foods, Modesto, CA., 1991 to 1993

Inventory Coordinator/Manifest, Con Agra Company, Turlock, CA., 1990 to 1991

Regional Marketing Manager, Ghana Food Distribution Corporation, Ghana, 1985-1986

Regional Accountant, Ghana Food Distribution Corporation, Ghana, 1980 to 1982

**Areas of Research (Extension) Expertise/specialization**

Research focuses on economic analysis of opportunities and potential of producing bio-energy, alternative and specialty crops and their impacts in the Mississippi Delta region of Arkansas.

Recent topics include economic analysis of producing alternative and bio-energy crops in Northeast Arkansas and the assessment of commodity futures markets as a risk management tool

**Teaching Experience**

Teach graduate and undergraduate courses in:

- Agribusiness Management
- Agricultural Marketing
- International Commodity Trade
- Agricultural Prices Analysis
- Agricultural Sales and Consulting
- Agricultural Economics
- Micro and Macroeconomics

**Professional Service**

- CIES Peer Review Panelist 2008-2011
- Peer Review Panelist: USDA – CSREES SBIR program: 2009, 2011
- Grant Review Panelist: USDA –NRF program, 2005, 2006, 2009
- Reviewer of numerous journal articles

- Consultant to many agribusiness firms and farmers
- Chair COAT PRT committee: 2004-2006; 2008-2011
- Chair COAT graduate committee: 2005-2006, 2008-2011

### **Honors and Awards**

- Fulbright Teaching and Research scholar, 2007-2008
- Commonwealth Scholar award 1985
- British Technical Cooperation scholar award 1982

### **Grants and Contracts**

- From USDA-NIFA-NLGCA. “Capacity Building for Bioenergy Research and Outreach in East Arkansas and the Delta Region”. \$300,000.00, January 2013 to January 2016
- From Economic Development Administration, Arkansas: “Evaluating Alternative Crops as a pathway for Economic Development in Northeast Arkansas”. A Project between Winrock International & Arkansas State University, \$150,000, March 2010 – April 2012.
- From CIES and Fulbright: Teaching and Research in :“Cattle Marketing Efficiency in Namibia ”, \$110,000 June 2007 to January 2008
- From USAID “Ensuring Food Security in Ghana – The Role of Maize Storage Systems” \$150,000, June 2004 to September 2005
- From ASU Faculty Research Grant: A Complementary grant for “Maize Storage Research in Ghana”, \$5000.00, June 2004 to September 2005
- From USDA, Rural Development. “Enterprise Development in Lee County – A Training Project”. \$95,528.00, 2001-2003

### **Publications/Presentations since 2003**

10 journal articles

Over 50 presentations/talks/abstracts

### **Selected Publications/Presentations**

#### **Selected Publications**

“Impact of Commodity Index Investments on Agricultural Commodity Price Increases During 2006 -20011”. (with Velmurugan P. Shanmugam), Fourth Annual General Business Conference Proceedings. Volume III, (2012) pages 159-172.

"The Economic Impact of Ethanol Production on Arkansas Corn-Based Livestock ". (with Mary Clayton), Journal of Food Distribution Research, Volume 42, Number 1, March 2011, pp. 8-15.

“Drivers Leading to Higher Food Prices: Biofuels Are Not the Main Culprit”. (with Aaron Archer, and Gregory C. Phillips), Summary of Special In Vitro Plant Issue on Biofuels: In Vitro Report Issue 42.4 October - December 2008.

"Innovation and Entrepreneurship through Business Incubation – Developing a Business Plan for Aunt Diana’s EM Derivatives, a Start-up Small and Medium Enterprise (SME)", (with I. Zimmermann, and R. Kambuli). Proceedings of the 5th International Conference on Entrepreneurship and Innovation. Polytechnic of Namibia, Windhoek. 24-25 October 2007, pages 100-107.

“Traditional Maize Storage Systems and Staple-Food Security in Ghana”. (with Felix Asante), *Journal of Food Distribution Research*. 37(1):34-39. March 2006.

“Market Access and Entrepreneurial Training for Value-Added Vegetable Cooperatives in the Mississippi Delta of Arkansas”. (with Nicole Hoover), *Journal of Food Distribution Research*. 34(1): 80-85.

### **Selected Presentations:**

- "Price Hikes in US Agricultural Commodity Futures Markets: An Empirical Efficiency Test". (with Velumurugan P. Shanmugam) Presentation at the 53rd Annual Conference of the Food Distribution Research Society (FDRS): October 13-17, 2012. San Juan, Puerto Rico.
- “Bioenergy Adoption in the NEAR Economy”. Presentation at the Third Annual Renewable Energy Conference. November 5, 2012. Arkansas State University. Jonesboro, AR.
- “Farm Scale Processing and Production -A System’s Approach to Processing and Value Added Plant-based Products and Biodiesel”. (with Kevin Humphrey). Presented at the 32nd Annual Arkansas Land and Farm Development Corporation (ALFDC) Conference. November 05, 2012. Fargo Arkansas.
- “Enterprise Level Comparative Economic Analysis of Three Hypothetical Commercial Scale Bioenergy Facilities”. Presentation at Winrock International and Arkansas State University Bioenergy Workshop, Association of Arkansas Counties, Little Rock, April 04, 2012.
- “Impact of Commodity Index Investments on Agricultural Commodity Price Increases During 2006-2011”. (with Velmurugan P. Shanmugam), Presentation at Fourth Annual General Business Conference Proceedings, April 12-13, 2012. Huntsville, Texas.
- “Economic Potential for Bioenergy Crops in Northeast Arkansas”. (with Jim Wimberly), Presentation at 2012 ASU Agribusiness Conference, February 8, 2012, ASU Fowler Center and Convocation Center, Jonesboro, Arkansas.
- "Cost-effective College Life – A Transition from College to Real World Career". Presentation at the Honors Reception Day, Arkansas State University, March 05, 2011.
- "The Economic Impact of Crude Oil and Ethanol Prices on Arkansas Livestock Feed Prices". 2011. Annual Renewable Energy Conference, Arkansas State University, April 18, 2011
- “The Economic Impact of Ethanol Production on Arkansas Corn-based Livestock Feed Prices”. (with Mary Clayton), Abstract and Presentation. Food Distribution Research Society, Annual Conference, Sandestin Beach Golf Resort and Spa Sandestin, Florida, October 16 - 20, 2010.
- "Agricultural Students' Perceptions, Limitations and Preferences for International Travel Experiences". (with D. Agnew, and T. Pannells), Presented at the Fourteenth International Conference on Learning, Wits University, Johannesburg, 26-27 June 2007
- "Innovation and Entrepreneurship through Business Incubation – Developing a Business Plan for Aunt Diana’s EM Derivatives, a Start-up Small and Medium Enterprise (SME)". (with I Zimmermann, and R. Kambuli), Presentation at the 5th International Conference on Entrepreneurship and Innovation, Polytechnic of Namibia, Windhoek. 24-25 October 2007.
- "Ensuring Food Security in Ghana – The Role of Maize Storage Systems". (with Felix Asante), Presentation at the Joint Annual Meetings of the Agriculture, Food, and Human Values Society (AFHVS), and the Association for the Study of Food and Society (ASFS), Portland Oregon, June 9 - June 12, 2005.