

## **Howard Leathers**

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College of Agriculture & Natural Resources  
Agricultural & Resource Economics

### **PERSONAL INFORMATION**

#### **Educational Background**

- 1986, Ph.D., Economics and Agricultural Economics, University of Wisconsin, 1986
- 1978, M.S., Agricultural Economics, University of Minnesota, 1978
- 1974, A.B., Economics, Princeton University, 1974

#### **Academic Appointments at UMD**

- 1992, Associate Professor of Agricultural and Resource Economics, 1992 to present, University of Maryland, College Park
- 1986-1992, Assistant Professor of Agricultural and Resource Economics, 1986 to 1992, University of Maryland, College Park

#### **Other Employment**

- 1992-1993, Senior Staff Economist, 1992-1993, President's Council of Economic Advisers. Areas of concentration: Agriculture, International Trade, and Natural Resources
- 1980-1981, Agricultural Economist, 1980-1981, USDA, ERS, NED, Food and Agricultural Policy Branch. Kenneth Clayton, branch chief. Research on food processing and distribution sector policy. Member, study team on casein imports
- 1974-1980, Agricultural Economist, 1974-1980, USDA, AMS, Dairy Division, Market Information Branch. Herbert Forest, division director; Silvio Capponi, branch chief. Primarily responsible for collecting and analyzing over-order prices in Federal Milk Market Orders

### **RESEARCH, SCHOLARLY AND CREATIVE ACTIVITIES**

#### **Books**

##### **Books Authored**

- 2016, Leathers, Howard, *2016 World Food Problem*, Lynne Rienner Publishers, Boulder, 5<sup>th</sup> edition. (ISBN 9781626374525)

- 2009, Howard Leathers and Phillips Foster, *The World Food Problem*, Lynne Rienner Publishers, Denver, 4th Edition, ISBN-10: 1588266389
- 2004, Howard Leathers and Phillips Foster, *The World Food Problem*, Lynne Rienner Publishers, Denver, 3rd Edition, Paperback: ISBN-10: 1588262758, Hardcover: ISBN-10: 1588262502, ISBN-10: 978-1588262509
- 1998, Phillips Foster and Howard Leathers, *The World Food Problem*, Lynne Rienner Publishers, Denver, 2nd Edition, ISBN-10: 1555877036, ISBN-10: 9781555877033

## **Chapters**

### **Books**

- 2011, "Technology and the Future: Lessons from the Green Revolution", *What Lies Ahead – Prospects for Debating a Post-American World*, Hoque, S. and S. Clark, editors
- 1993, "Crop Insurance Participation and the Financial Characteristics of Firms", *The Economics of Crop Insurance*, Hueth, D. and H. Furtan (eds.)
- 1990, "Best Management Practices vs. Socially Optimal Practices", *Commodity and Resource Policies in Agricultural Systems*, Just, R.E. and Bockstael N. (eds.)

### **Encyclopedia**

- 2002, "Food Supply", *New Book of Knowledge Encyclopedia*, article

### **Other**

- 1993, "Whither International Trade and Finance?", *The Annual Report of the Council of Economic Advisers*, Contributions to Chapter 5 (Markets and Regulatory Reform) and Chapter 7, 1993

## **Refereed Journals**

- 2016, Howard Leathers and Paul Goeringer, Supplemental Coverage Option Expanding as Part of the Farm Safety Net., University of Maryland Extension Fact Sheet
- 2016, Howard Leathers and Paul Goeringer, Crop Insurance Primer, University of Maryland Extension Fact Sheet
- 2016, Paul Goeringer and Howard Leathers, Poultry Growers Will Have to Wait a Little Longer for Crop Insurance Coverage, University of Maryland Extension Fact Sheet
- 2015, Paul Goeringer and Howard Leathers, New Crop Insurance Option for Diversified Farm Operations: Whole Farm Revenue Protection, University of Maryland Extension Fact Sheet
- 2015, Paul Goeringer and Howard Leathers, Supplemental Coverage Option Now a Part of the Federal Crop Insurance Program, University of Maryland Extension Fact Sheet
- 2015, Paul Goeringer and Howard Leathers, 2014 Farm Bill Makes Changes to the Noninsured Crop Disaster Assistance Program, University of Maryland Extension Fact Sheet
- 2009, Howard Leathers and Phillips Foster, *The World Food Problem* 4th Edition, Lynne Rienner Publishers, Denver.

- 2007, Howard Leathers<sup>\*</sup>, Orderly Marketing in Agriculture Revisited, *Agricultural and Resource Economics Review*, 36(2): 281, October
- 2006, Howard Leathers<sup>\*</sup>, Are Cooperatives Efficient when Membership is Voluntary?, *Journal of Agricultural and Resource Economics*, pp. 667–676, December
- 2006, Thierry van Bastelaer<sup>\*</sup> and Howard Leathers, Trust in Lending: Social Capital and Joint Liability Seed Loans in Southern Zambia, *World Development*, 34(10): 1788–1807, October
- 2001, Howard Leathers<sup>\*</sup>, Agricultural Export Subsidies as a tool of Trade Strategy: Before and After the FAIR Act of 1996, *American Journal of Agricultural Economics*, 83(1): 209–221
- 1999, Howard Leathers<sup>\*</sup>, What is Farming: Information, Contracts, and the Structure of Agricultural Production: Discussion, *American Journal of Agricultural Economics*, 81(3): 621–623
- 1994, Melinda Smale<sup>#\*</sup>, Richard Just, and Howard Leathers, Land Allocation in HYV Adoption Models: An Investigation of Alternative Explanations, *American Journal of Agricultural Economics*, 76(3): 535–546, 1994
- 1994, Melinda Smale<sup>#\*</sup>, Paul Heisey, and Howard Leathers, Maize of the Ancestors and Modern Varieties: The Microeconomics of High-Yielding Variety Adoption in Malawi, *Economic Development and Cultural Change*, 43(2): 351–368
- 1993, Patrick Canning<sup>#^</sup> and Howard Leathers<sup>\*</sup>, Inflation, Taxes, and the Value of Agricultural Assets, *Land Economics*, 69(4): 389–403, November
- 1992, Howard D. Leathers<sup>\*</sup>, Allocable Fixed Inputs as a Cause of Joint Production: An Empirical Investigation, *Agricultural Economics*, 7(2): 109–124, November
- 1992, Howard D. Leathers<sup>\*</sup>, The Market for Land and the Impact of Farm Programs on Farm Numbers, *American Journal of Agricultural Economics*, 74(2): 291–298, May
- 1991, Howard D. Leathers<sup>\*</sup>, Comparative Statics of Production When There Are Multiple Sources of Risk, *Atlantic Economic Journal*, 19(3): 26–31, September
- 1991, Howard D. Leathers<sup>\*</sup>, Allocable Fixed Inputs as a Cause of Joint Production: A Cost Function Approach, *American Journal of Agricultural Economics*, 73(4): 1083–1090, November
- 1991, Howard D. Leathers<sup>\*</sup> and Melinda Smale<sup>#</sup>, A Bayesian Approach to Explaining Sequential Adoption of Components of a Technological Package, *American Journal of Agricultural Economics*, 73(3): 734–742, August, 1991
- 1991, Howard D. Leathers<sup>\*</sup> and John Quiggin, Interactions between Agricultural and Resource Policy: The Importance of Attitudes Toward Risk, *American Journal of Agricultural Economics*, 73(3): 757–764, August
- 1990, Howard D. Leathers<sup>\*</sup>, Effect of Federal Credit Programs on Farm Output: Discussion, *American Journal of Agricultural Economics*, 72(3): 782–783
- 1987, Jean-Paul Chavas<sup>\*</sup>, Rulon Pope, and Howard D. Leathers, Competitive Industry Equilibrium Under Uncertainty and Free Entry, *Economic Inquiry*, 26(2): 331–344, Fall
- 1986, Howard D. Leathers<sup>\*</sup> and Jean-Paul Chavas, Farm Debt, Default, and Foreclosure: An Economic Rationale for Policy Action, *American Journal of Agricultural Economics*, 68(4): 828–837, November

### **Conferences, Workshops and Talks**

#### **Invited Talks**

- Crop Insurance Update, January 2016. Talk to Grain Marketing Meeting Chesapeake College, Wye Mills, MD.
- Crop Insurance for Vegetable Growers. February 2016. Talk to meeting of Eastern Shore Vegetable Growers.
- Crop Insurance in Maryland. Talk to Annie's Project meeting. March 2016. Cambridge, MD.
- Crop Insurance Update. Talk to Grain Marketing meeting at Carrol County Extension Office. March 2016.
- General Outlook for Dairy. Talk to meeting of dairy farmers, Elkton MD. July 2016.
- General Outlook for Dairy. Talk to meeting of dairy farmers, Sharpsburg, MD. July 2016
- General Outlook for Dairy. Talk to meeting of dairy farmers, Mountain Lake Park, MD.
- Crop Insurance in Maryland. Talk to the Crop Insurance Conference in Annapolis, MD. September 2016.
- Introduction to Crop Insurance. Talk to meeting of Junior MANNRS Leadership Institute. September 2016, University of Maryland, Eastern Shore.
- Attend Meeting of Crop Insurance Advisory Council. October 2016. Annapolis, MD
- Crop Insurance Update, November 2016. Southern Maryland Winter Crop Meeting, Brandywine, MD.
- Crop Insurance Update, December 2016. Talk to Grain Marketing Meeting, Carroll County, MD.
- Crop Insurance Update, December 2016. Talk to Grain Marketing Meeting, Leonardtown, MD.
- Crop Insurance Update, December 2016. Talk to Grain Marketing Meeting Chesapeake College, Wye Mills, MD.
- 2014 Farm Bill Update: How Has Maryland Fared? Talk to Maryland Policy Conference, Annapolis, MD., December 2016.
- Crop Insurance for Beginning, Small, Sustainable Farmers, with Paul Goeringer, January 2017. Talk to Future Harvest Conference, College Park, MD.
- 2015, 2014 Farm Bill Decision Tools: Carroll County, Westminster, MD
- 2015, 2014 Farm Bill Decision Tools: Charles County, Leonardtown, MD
- 2015, 2014 Farm Bill Decision Tools: Worcester County, Salisbury, MD
- 2015, Farm Bill and Crop Insurance Extension Program overview, AGNR Agricultural Extension In-Service Meeting, Bowie, MD, presentation, January
- 2015, 2014 Farm Bill Decisions, Cecil County Winter Agronomy Meeting, Rising Sun, MD, presentation, January
- 2015, 2014 Farm Bill Decisions, Baltimore County Winter Agronomy Meeting, Cockeyville, MD, presentation, January
- 2014, 2014 Farm Bill Decisions, a Southern Maryland Winter Agronomy Meeting, Brandywine, MD, presentation, December
- 2014, 2014 Farm Bill Decision Tools: Baltimore County, Cockeyville, MD
- 2014, 2014 Farm Bill Decision Tools: Frederick County, Frederick, MD
- 2014, 2014 Farm Bill Decision Tools: Queen Anne's County, Wye, MD
- 2014, Crop Insurance and the 2014 Farm Bill, Agricultural Outlook Conference, Annapolis, MD
- 2014, Crop Insurance and the 2014 Farm Bill, Crop Insurance Conference, Annapolis, MD
- 2014, Decisions under the 2014 Farm Bill, Lower Shore farmer group, Hebron, MD, presentation, August
- 2014, Decisions under the 2014 Farm Bill, Upper Shore farmer group, Centerville, MD, presentation, August
- 2014, Decisions under the 2014 Farm Bill, Southern Maryland farmer group, Leonardtown, MD, presentation, August

- 2014, Decisions under the 2014 Farm Bill, Northeastern Maryland farmer group, Cockeyville, MD, presentation, August
- 2014, Decisions under the 2014 Farm Bill, Central Maryland farmer group, Frederick, MD, presentation, August
- 2014, Decisions under the 2014 Farm Bill, Western Maryland farmer group, Mt. Lake Park, MD, presentation, August
- 2014, Understanding the Supplemental Coverage Option in the 2014 Farm Bill, meeting of crop insurance agents and farmers, Culpepper, VA, presentation, August, 2014
- 2014, Crop Insurance and the 2014 Farm Bill, Maryland Agricultural Extension Agents Conference, Ocean City, MD, presentation, June
- 2013, The 2013 Farm Bill, Informal Remarks to visiting Chinese agriculture policy experts, College Park, MD
- 2013, Visiting Expert Participant, Prospects for World Food Supply and Demand, European Union, Brussels, Belgium
- 2013, Overview of Agricultural Production in the US, Visiting African Scholars at US State Department-sponsored program, Field to Table, College Park, MD, August, 2013, Keynote Address
- 2013, Overview of US Agriculture, Past and Present, visiting international scholars at the US State Department-sponsored Program on US Agricultural Trade and Food Safety, Washington, DC, September 2013, Keynote Address
- 2013, Sustainability in the World Food Context, Small Farm Conference, University of Maryland, Eastern Shore, November 2013, Keynote Address
- 2011, Food Security in the United States, visiting African Dignitaries, US Department of State, Washington, DC, Invited Lecture
- 2009, Historical View of LGM-Dairy, Crop Insurance Industry Conference, Annapolis, MD
- 2009, Dairy LGM Insurance, Maryland Dairy Convention, Frederick, MD
- 2008, The World Food Problem, McKeldin Library Faculty Authors Series, College Park, MD
- 2008, An Introduction to Dairy LGM Insurance, Maryland Dairy Convention, Frederick, MD
- 2007, Long Term Outlook for the Maryland Dairy Industry, Maryland Dairy Industry Oversight and Advisory Council
- 2006, Comments on Brester and Smith, Agricultural Policy and the U.S. Livestock Industry, American Enterprise Institute Conference on Agricultural Policy
- 2006, Comments on Babcock 'Acreage and Price Impacts of U.S. Commodity Programs', American Enterprise Institute Conference on Agricultural Policy
- 2005, Transactions Costs and Marketing Institutions, Institutions and Development, University of Maryland School of Public Affairs, March 2004 and 2005, lecture to class
- 2004, Dairy Price and Policy Outlook: 2004, conferences of farmers and extension agents in various locations, Maryland, Presentation, January
- 2003, The World Food Problem: It's All About Distribution, Isn't It?, First annual Conference on World Hunger, University of Maryland, College Park, delivered, October
- 2003, Institutions and Agricultural Marketing, Institutions and Development, University of Maryland School of Public Affairs, April 2003, lecture to class
- 2002, Dairy Programs under the New Farm Bill, conferences of farmers and extension agents in various locations, Maryland, presentations, August

- 2001, Labor Markets: Discussion, conference on Framework for Investigating Issues in Factor Markets and Economic Organization of Russian Agriculture, Golitzina, Russia, presentation, July
- 2001, Input Markets: Discussion, conference on Framework for Investigating Issues in Factor Markets and Economic Organization of Russian Agriculture, Golitzina, Russia, July 2001, presentation
- 2000, U.S. Agricultural Policy, visiting agricultural policymakers, China, College Park, MD, lecture, November
- 2000, U.S. Agricultural Policy: History and Overview, visiting agricultural policymakers, China, College Park, MD, November 2000, lecture
- 1999, Contracting and Integration in U.S. Agricultural Markets, visiting agricultural policymakers, China, College Park, MD, November 1999, lecture
- 1999, U.S. Agricultural Policy: History and Overview, visiting agricultural policymakers, China, Alexandria, VA, October 1999, lecture
- 1999, World Food Supply and Demand Outlook and Situation, visiting agricultural policymakers, China, Alexandria, VA, October 1999, lecture
- 1999, Agricultural Programs in a CGE Model to Evaluate the Impact of Distortionary Taxes, American Agricultural Association Annual Meeting, Nashville, TN, August 8-11, 1999
- 1999, What is Farming: Information, Contracts, and the Structure of Agricultural Production, meetings of the Allied Social Sciences Association, New York City
- 1997, Agricultural Policy in the U.S. for visiting scholars and policymakers from China, Office of Academic Computing Services, University of Maryland, College Park, Invited Lecture, 1997 Workshop sponsored
- 1997, Institutions and Transactions Costs in Zambian Maize and Cotton Markets, delivered to a USAID sponsored workshop, Lusaka, Zambia, Invited Lecture
- 1997, Institutions and Transactions Costs in Tanzanian Maize and Cotton Markets, delivered to a USAID sponsored Symposium at the Economic and Social Research Foundation, Dar-es-Salaam, Tanzania, Invited Lecture
- 1995, P. Goldberg and M. Knetter, Causes and Consequences of the Export Enhancement Program for Wheat, NBER conference on Effects of U.S. Trade Protection and Promotion Policies, Richmond, VA, Comments, prepared, October 6, 1995
- 1995, Lessons from Industrialized Country Experience for Agricultural Policy in Brazil, Society of Rural Economists and Sociologists, Curitiba, Brazil, Invited Lecture, presented, August
- 1995, Participation in Workshop on Projected World Food Supply, Demand, and Trade to the Year 2020, International Food Policy Research Institute, Washington, DC, Sponsored, March
- 1994, Farm Credit Subsidies and Implications of Financial Policy: Comments on a Paper by Peter Barry, American Enterprise Institute Conference on Future Directions in Agricultural Policy, Presented, November
- 1994, The Political Economics of Price Control, Workshop on Price Regulation in a Market Economy for Visiting Policymakers from Russia. Workshop sponsored by the center for research into the Institutional Reform and the Informal Sector (IRIS), College Park
- 1993, An Overview of Agricultural Policy in the United States, Remarks to Participants in a Program on U.S. Agriculture for Policymakers in the Former Soviet Union, sponsored by USAID
- 1992, Inflation, Taxes, and the Relative Values of Land and Depreciable Assets, U.S. Department of Agriculture, Economic Research Service

- 1992, Use of Two-Moment Models to Analyze Production Behavior in the Presence of Risk, University of Maryland Department of Agricultural Economics, presented to Phd. level class on Recent Advances in Agricultural Economics, Spring
- 1990, Crop Insurance Decisions and Financial Characteristics of Farms, Maryland-Saskatchewan Conference for the Improvement of Agricultural Crop Insurance, Regina Saskatchewan
- 1989, Evidence on Credit Rationing and the Effects of Credit on Farm Output: Discussion, Meeting of the Allied Social Science Associations, Atlanta, GA
- 1989, Best Management Practices versus Socially Optimal Practices, Conference on Agricultural and Resource Policy, Baltimore, MD
- 1988, Coexistence of Cooperative and Commercial Lenders, Joint USDA/UMD seminar series, Washington, DC
- 1987, Debt and Efficiency as Determinants of Farm Survival, Department of Agricultural Economics, University of Maine, Summer
- 1987, The Effect of Market Share Distribution on Industrial Performance: A Critique of Kwoka, Department of Agricultural Economics, University of Maine, Summer
- 1987, Lectures on Econometrics, Department of Agricultural Economics, University of Maine, Summer
- 1986, Lectures on Mathematical Economics, U.S. Department of Agriculture Graduate School, Lectures to the class on Mathematical Economics, Fall
- 1985, Farm Debt, Default, and Foreclosure: Implications for Agricultural Policy, Department of Agricultural and Resource Economics, University of Maryland, Fall
- 1985, International Trade and Agricultural Policy, University of Wisconsin Short Course in Agriculture, Lectures, Summer, 1985

#### **Refereed Presentations**

- 1992, M. Smale, Land Allocation in HYV Adoption Decisions: Competing Explanations, annual meeting of the American Agricultural Economics Association, Baltimore, MD, paper presented, August
- 1989, A Model of Agricultural Lending in Which Farmers Simultaneously Borrow and Save, annual meeting of the American Agricultural Economics Association, Baton Rouge, LA, presented, August
- 1989, M. Smale, A Bayesian Approach to Explaining Sequential Adoption of Components of a Technological Package, annual meeting of the American Agricultural Economics Association, Baton Rouge, LA, presented, August 1989
- 1987, Debt and Efficiency as Determinants of Farm Survival, annual meeting of the American Agricultural Economics Association, Ames, IA, presented, August
- 1985, The Economics of Firm Survival, annual meeting of the American Agricultural Economics Association, Cornell University, presented, August

#### **Non-Refereed Presentations**

- 1986, The Relative Importance of Debt and Efficiency as Determinants of Firm Survival, Seminar on Industrial Organization, University of Wisconsin Economics Department, presented, Spring

- 1985, The Economics of Firm Survival: A Theoretical Treatment, Seminar on Industrial Organization, University of Wisconsin Economics Department, presented, Fall
- 1985, The Economics of Risk in Models of Finance, Advanced Seminar in Finance, University of Wisconsin School of Business, presented, Fall
- 1985, The Economics of Firm Survival: Implications for Agricultural Policy, Department of Agricultural Economics, University of Wisconsin, presented, Summer
- 1985, Moral Hazard and the Optimal Structure of Contracts, seminar on Advanced Topics in Microeconomic Theory, University of Wisconsin Economics Department, presented, Spring
- 1981, The Simple Analytics of Demand for Casein, study team on the Economic Impact of Casein Imports, presented, Spring
- 1979, The Measurement and Reporting of Over-Order Prices, intra-departmental panel Cooperative Concentration, Milk Marketing Orders, an Over-Order Prices, U.S. Department of Agriculture, presented, Spring
- 1978, Supply of and Demand for Technical Change: A Reconsideration of Lucas, Seminar on Economic Development, University of Minnesota Department of Economics, presented, Spring

### **Symposia**

- Agricultural Finance in the United States. Lectures to a group of professionals from the Agricultural Bank of China, Georgetown University, March 2016.
- 2015, Howard Leathers, US Agricultural Policies: History and Current Status, Rural Finance in the US: Presentations for the Agricultural Bank of China, Georgetown University, Washington DC
- 2015, Howard Leathers, US Farm Credit Policies, Rural Finance in the US: Presentations for the Agricultural Bank of China, Georgetown University, Washington DC
- 2015, Howard Leathers, US Financial Sector from an Agricultural Perspective, Rural Finance in the US: Presentations for the Agricultural Bank of China, Georgetown University, Washington DC
- 2015, Howard Leathers, Government Programs Affecting Grain Production and Marketing in the United States., Grain Marketing and Production in the US, George Mason University, Fairfax, VA
- 2015, Howard Leathers, How Federal Grain Policy is Made in the US, Grain Marketing and Production in the US, George Mason University, Fairfax, VA

### **Workshops**

- Attend meeting about rural insurance in Maryland with Maryland Secretary of Agriculture and State Insurance Commissioner, January 2016 Cambridge, MD.
- 1993, Participant in Planning Workshop and Methods and Uses of Crop Yields Assessments, sponsored by the Board on Agriculture of the National Research Council

### **Other**



- 2015, Howard Leathers, 2014 Farm Bill Commodity Program Decision Tools, St. Mary's County, 2014 Farm Bill, Leonardtown, MD
- 2015, Howard Leathers, 2014 Farm Bill Commodity Program Decision Tools, Montgomery County, 2014 Farm Bill, Derwood, MD
- 2015, Howard Leathers, 2014 Farm Bill Commodity Program Decision Tools, Caroline County, 2014 Farm Bill, Denton, MD
- 2015, Howard Leathers, Crop Insurance and the 2014 Farm Bill, Crop insurance and the 2014 farm bill, Queen Anne's Co., MD
- 2015, Howard Leathers, Crop Insurance and the 2014 Farm Bill, Crop insurance and the 2014 farm bill, Caroline Co., MD
- 2015, Howard Leathers, Crop Insurance and the 2014 Farm Bill, Crop insurance and the 2014 farm bill, Frederick Co. MD

### **Professional and Extension Publications**

- 2016, Crop Insurance in a time of Low Commodity Prices. Howard Leathers and Paul Goeringer. Maryland State Department of Agriculture Crop Insurance Newsletter. February 2016.
- 2015, Paul Goeringer and Howard Leathers, 2014 Farm Bill Makes Changes to the Noninsured Crop Disaster Assistance Program, University of Maryland Cooperative Extension Service, College Park, MD
- 2015, Paul Goeringer and Howard Leathers, Supplemental Coverage Option Now a Part of the Federal Crop Insurance Program, University of Maryland Cooperative Extension Service, College Park, MD
- 2015, Dairy Outlook, December 2014, Prepared for inclusion in the Governor's Report on Maryland's Dairy Industry.
- 2014, Dairy Outlook, December 2014, Prepared for inclusion in the Governor's Report on Maryland's Dairy Industry.
- 2013, Dairy Outlook, University of Maryland Cooperative Extension Service, College Park, MD, December 2013, Prepared for inclusion in the Governor's Report on Maryland's Dairy Industry.
- 2012, Dairy Outlook, University of Maryland Cooperative Extension Service, College Park, MD, December 2012, Prepared for inclusion in the Governor's Report on Maryland's Dairy Industry
- 2011, Dairy Outlook, University of Maryland Cooperative Extension Service, College Park, MD, December 2011, Prepared for inclusion in the Governor's Report on Maryland's Dairy Industry
- 2010, Dairy Outlook, University of Maryland Cooperative Extension Service, College Park, MD, December 2010, Prepared for inclusion in the Governor's Report on Maryland's Dairy Industry

- 2009, Dairy Outlook, University of Maryland Cooperative Extension Service, College Park, MD, December 2009, Prepared for inclusion in the Governor's Report on Maryland's Dairy Industry
- 2008, Dairy Outlook, University of Maryland Cooperative Extension Service, College Park, MD, December 2008, Prepared for inclusion in the Governor's Report on Maryland's Dairy Industry
- 2007, An introduction to LGM-Dairy Insurance, University of Maryland College Park
- 2007, Contribution of the Dairy Sector to Maryland's Economy, University of Maryland, College Park
- 2007, Bob Peters and Dale Johnson, Long Term Outlook for the Maryland Dairy Industry, Maryland Dairy Industry Oversight and Advisory Council
- 2006, Dairy Outlook, University of Maryland Cooperative Extension Service, College Park, MD
- 2005, Dairy Outlook, University of Maryland Cooperative Extension Service, College Park, MD
- 1999, Satu Kahkonen, Transactions Costs Analysis of Maize and Cotton Marketing in Zambia and Tanzania, Office of Sustainable Development, Bureau of Africa, USAID, Technical Paper No. 105
- 1998, Milk Marketing Orders, Dairy Talk, University of Maryland Cooperative Extension Service, College Park, MD
- 1997, Federal Milk marketing Order Consolidation and Its Impact on Maryland, Economic Viewpoints, University of Maryland Cooperative Extension Service, College Park, MD, Fall
- 1997, Satu Kahkonen, Is There Life After Liberalization?: Transaction Costs Analysis of Maize and Cotton Marketing in Zambia and Tanzania, IRIS, University of Maryland
- 1995, A Report to the Government of Moldova on Findings and Recommendations Regarding Agricultural Policy in Moldova, Consulting Report for Barents Group, KPMG, April 1995, project in Chisinau, Moldova
- 1984, Richard Heifner and other members of the dairy policy study team, Review of Existing and Alternative Federal Dairy Programs, ERS Staff Report AGES840121, USDA, Washington, D.C.
- 1982, J. Zellner, The Beneficiaries of Food Stamp Expenditures, National Food Review, U.S. Department of Agriculture, Economic Research Service, Washington, DC, Volume 14, Spring, 1982, pp. 23-24
- 1982, Milk Price Variability, Uncertainty, and Government Price Stabilization Programs, University of Wisconsin, Madison Department of Agricultural Economics
- 1981, Dairy Policy: An Overview, National Food Review, U.S. Department of Agriculture, Economic Research Service, Washington, DC, Volume 13, Winter 1981, pp. 32-33
- 1981, K. D. Clayton and other members of case in study team, U.S. Case in and Lactalbumin Imports, USDA, Washington, D.C., ESS Staff Report AGESS810521, 1981
- 1981, Imperfect Information, Market Performance, and Agricultural Programs, U.S. Department of Agriculture, Economic Research Service, Food and Agricultural Policy Branch, Washington, DC
- 1981, Product Differentiation, Consumer Information, and Public Policy, U.S. Department of Agriculture, Economic Research Service, Food and Agricultural Policy Branch, Washington, DC
- 1981, Cooperative Margins and Market Shares: Testing for X-Inefficiency, U.S. Department of Agriculture, Economic Research Service, Food and Agricultural Policy Branch, Washington DC

- 1980, Jerome Hammond, An Evaluation of Product Price Measures for Use in Federal Milk Order Pricing, University of Minnesota, Department of Agricultural and Applied Economics, St. Paul, Economic Report ER 80-4
- 1979, A Primer on Nutrition Policy in the United States, University of Minnesota, Department of Agricultural and Applied Econ., St. Paul, Departmental Staff Paper P-79-30
- 1979, Methods and Protocols for Reporting Over-Order Prices, U.S. Department of Agriculture, Agricultural Marketing Service, Dairy Division, Washington, DC
- 1976, Comments on the Undue Price Enhancement Inquiry by the Capper-Volstead Subcommittee, U.S. Department of Agriculture, Agricultural Marketing Service, Dairy Division, Washington, DC
- 2008, Laoura Maratou and Wes Musser, Optimal Portfolios of insurance periods for LGM-Dairy insurance, University of Maryland, College Park
- 2008, An analysis of Livestock Gross Margin insurance for dairy, University of Maryland, College Park
- 2008, Transactions Costs, Market Participation, and Endogenous Emergence of Markets, University of Maryland, College Park
- 2006, Population Size and Market Participation: The Role of Transactions Costs, University of Maryland, College Park
- 2003, The World Food Problem: It's All About Distribution, Isn't It?, University of Maryland, College Park
- 2001, Thierry van Bastalaer, Sarah Bell, and David Musona, Determinants of Success in Farmer Groups: Evidence from Seed Groups in Zambia's Southern Province, University of Maryland, College Park
- 2000, Transactions Costs and Integration Costs as Determinants of Marketing Arrangements in Agriculture, University of Maryland, College Park
- 1998, Maryland Dairy Farmers and the Northeast Dairy Compact, Department of Agricultural Resource Economics, University of Maryland, College Park
- 1994, Collateral, Debt Contracts, and Optimal Capital Structure in Agriculture, University of Maryland, College Park, MD
- 1993, The Morality of Exchange in Agricultural and Resource Economics, University of Maryland, College Park, MD
- 1992, Debt and Efficiency as Determinants of Firm Survival: An Empirical Analysis, Department of Agricultural and Resource Economics, University of Maryland, College Park, MD
- 1991, A Model of Agricultural Lending in Which Farmers Simultaneously Borrow and Save, Department of Agricultural and Resource Economics, University of Maryland, College Park, MD
- 1991, Coexistence of Cooperative and Commercial Lenders, Department of Agricultural and Resource Economics, University of Maryland, College Park, MD
- 1991, The Role of Collateral in a Model of Equilibrium Credit Rationing, Department of Agricultural and Resource Economics, University of Maryland, College Park, MD
- 1978, The Supply and Demand of Inventions, University of Minnesota, Department of Agricultural and Applied Economics, Master's Paper
- 1978, The Price Disincentive Effects of Food Aid: A Review and Synthesis, University of Minnesota, Department of Agricultural and Applied Economics, Master's Paper

- 1974, An Economic Analysis of the Toxic Substances Control Act, Princeton University, senior thesis
- 2015, Howard Leathers, Dairy Outlook, Report to the Governor about Maryland's Dairy Industry

### **Significant Works in Public Media**

#### **Explanatory, Investigative, or Long-Form Journalism**

- 2016, Poultry Growers Will Have to Wait a Little Longer for Crop Insurance Coverage, Delmarva Farmer, Paul Goeringer and Howard Leathers

### **Sponsored Research and Programs**

- 2016, Mid Atlantic Women in Agriculture extension program outreach project, Cooperative Agreement Award. \$75,000.
- 2016, RMA Crop Insurance Grant. \$370,000, PI.
- 2015, RMA Crop Insurance Grant, \$371,000, PI
- 2014, FSA 2014 Farm Bill Information Cooperative Agreement, \$14,567, PI
- 2014, RMA Crop Insurance Grant, \$371,000, Co-PI
- 2009, A Comparative Analysis of State Dairy Programs: Methods and Impacts, CSREES AES project, \$109,000, PI
- 2001, Transactions Costs and Efficiency of Farmer Groups in Zambia, USAID, IRIS, University of Maryland, \$100,000, (CI)
- 1999, Food Aid, Export Subsidies, and Agricultural Policies of Recipient Countries, Maryland Agricultural Experiment Station Competitive Grant, \$17,000, PI
- 1997, Marketing of Maize and Cotton in Zambia and Tanzania: Transactions Costs and Institutional Impediments, Institutional Reform and the Informal Sector, \$16,000, (CI)
- 1991, Capital Assets, Stock Values and The Effect of Technical Change, Inflation, and Tax Rules, U.S. Department of Agriculture, Cooperative Agreement, \$13,700, PI
- 1991, Interactions Between Financial and Production Decisions in Agriculture: Theory, Empirical Evidence, and Policy Implications, Maryland Agricultural Experiment Station Competitive Grant, \$18,000, PI
- 1988, University of Maryland General Research Board Summer Research Grant, \$5,000, PI
- 1982, U.S. Department of Agriculture Cooperative Agreement with the University of Wisconsin to participate in USDA study team on dairy policy, \$25,000, PI

### **Fellowships, Gifts and Other Funded Research**

#### **Fellowships**

- 1984, Awarded Knapp Fellowship for graduate study, 1983, 1984

#### **Other Funded Research**

- 1986, Jean-Paul Chavas, advisor, Research on microeconomic aspects of debt: the structure of loan contracts and the effect of indebtedness on the firm's production and investment decisions, University of Wisconsin, 1982-1986, Research Assistant
- 1977, Awarded full-salary scholarship for graduate study, University of Minnesota by USDA's Agricultural Marketing Service

## **Submissions and Works in Progress**

### **Working Papers in Preparation**

- 2015, Howard Leathers, Food Security and Changing Age Structure of the World's Population
- 2012, Evolution of the worldwide distribution of calories, University of Maryland, College Park
- 2011, Cost of the Thrifty Food Plan: Food Price Availability and Possible Methods for Updating, University of Maryland, College Park, 2011

## **TEACHING, MENTORING AND ADVISING**

### **Courses Taught**

- ENSP 386, Experiential Learning, Fall 2012-date. ENSP students
- AREC 899, Special Topics, Fall 2011, Summer 2014. AREC Grad Students
- AREC 433, Agricultural Policy, Fall 2004, Fall 2006 to date. (Enrollment 35-80)
- AREC 427, Agricultural Marketing, Fall, 1999- date. (Enrollment 30-40)
- AREC 365, World Hunger, Population, and Food Supplies, Fall 1996 - date. (enrollment: 280+)

### **Teaching Innovations**

#### **Course or Curriculum Development**

- Oversees development and modifications of curricula for AREC undergrad programs and ENSP Environmental Economics

#### **Other**

- 2005, Participant in Northeast teaching workshop, Cornell University, October 2005

### **Advising: Research or Clinical**

#### **Undergraduate**

- Advising undergraduates consists primarily of explaining the requirements for graduation and assisting students in choosing classes in order to meet those requirements. In addition, an advisor acts as the student's representative to the rest of the University community -- verifying facts, requesting exceptions to rules, explaining special circumstances, crisis (or perceived crisis) control

- Fall 2009, Environmental Economics Specialization in the Environmental Science and Policy Program, (1998-2003, 2009 to date), Advisor
- May 2016. Member of Senior Honors Paper Exam committee, GVPT student Ariel Bourne.
- 2016. Provide reviews of Teaching for Pam Jakiela and Dave Newburn.

#### **Master's**

- Spring 2014, Min Kim, Rethinking Smoking and Obesity, 2014, Committee Chair
- Spring 2014, Charlene Chi-Johnston, Childhood Obesity in Mexico: An Economic Analysis, 2014, Committee Member
- Spring 2011, Moira Chiong, Household Behavior and the 1998 Flood in Bangladesh, 2011, World Bank, Committee Chair
- Spring 2002, Terri Suomi, An Analysis of the Loan Deficiency Payment Program, 2002, Committee Member
- Spring 1996, Jin Qian, Structure of Food Demand in Malawi, 1996, Committee Member
- Spring 1991, Jim Coates, Tariff Effects in an Open, Poor, Agricultural Economy Under the Nutrition Based Efficiency Wage Hypothesis: The Case of Ethiopia, 1991, Committee Member
- Spring 1990, Katharina Katterback, An Investigation of Market Insulation in Sub-Saharan Africa, 1990, Committee Member
- Spring 1990, Miriam Brandao, Factors Influencing Technical Efficiency of Cocoa Production: Evidence From Brazil and Ecuador, 1990, Committee Chair
- Spring 1990, Patrick Canning, An Examination of Three Methods for Measuring Adjustments in the Relative U.S. Stock Value of Farmland and Farm Buildings, 1990, \* Pat Canning's Master's thesis was chosen as the best Master's thesis in the department for 1990 and was nominated for regional and national association awards, Committee Chair
- Spring 1989, Jean Marie Meng-Lihuang, Production and Consumption Patterns and Impact of Food Aid, 1989, Committee Member
- Spring 1988, Li-shu Ouyang, An Empirical Comparison of the Tradeoff Between Risk Criteria for a Small Part-Time Farm, 1988, Committee Member
- Spring 1987, Wendy Cohen, P.L. 480: Food Aid's Disincentive to Agricultural Production and Impacts on Food Consumption Policies in Recipient Countries, 1987, Committee Member
- Spring 1987, Zhigang Chen, Children's Economic Contribution, Uncertainty and Rural Household Size: The Case of China, 1987, Committee Member

#### **Doctoral**

- Summer 2016. Yuandong Qi (prospectus). Estimating External Returns to Higher Education. Member of committee.
- Fall 2015 Po Yin Wang, Committee Member.
- Fall 2015 Rubaba Ali, Committee Member
- Spring 2015 Zan Dodson (Geography), Committee Member
- Spring 2014, Po Yin Wang, Microeconomics of Disasters, (Prospectus), 2014, Member of Prospectus Committee

- Spring 2014, Kanishka Kacker, Pricing Arrangements in US Coal Supply Contracts, 2014, Committee Member
- Spring 2014, Ashwini Sebastien, Essays on Environmental Shocks, 2014, Committee Member
- Spring 2013, Amparo Palacios Lopez, Essays on Decomposition Analysis, 2013, Agricultural and Resource Economics. 2010, World Bank, Committee Member
- Spring 2013, Timothy Essam, Using Satellite Imagery to Analyze Millet Price Regimes and Market Performance in Niger, 2013, U.S. Agency for International Development, Committee Member
- Spring 2012, Asif Islam, Essays on Government Spending and Sustainable Growth, 2012, World Bank, Committee Member
- Spring 2011, Jia Li, Modeling Household Energy Consumption and Adoption of Energy-Efficient Technology Using Recent Micro Data, 2011, World Bank, Committee Member
- Spring 2011, Katherine Vasalaki, Development, Technology Adoption and Social Networks, 2011, Living Social – Experimental Economics Division, Committee Member
- Spring 2011, Demetrios Reppas, Modeling Fisheries Agreements with Side Payments: The Case of Western Atlantic Bluefin Tuna, 2011, University of Manchester, U.K., Committee Member
- Spring 2011, Didem Tuzemen, Essays in Labor and Political Economics, (ECON), 2011, Committee Member
- Spring 2010, Christina Meyers, Agricultural and Resource Economics, 2010, Committee Member
- Spring 2010, Tim Essam, Agricultural and Resource Economics, 2010, U.S. Agency for International Development, Prospectus exam Committee Member
- Spring 2010, Quynh Nguyen, Essays in Empirical Microeconomics on Public Health and Public Education, (ECON), 2010, Committee Member
- Spring 2009, Sarah Adelman, Early Childhood Nutritional Responses to Targeted Food Aid and Social Network Disruptions in Ugandan Internally Displaced Persons Camps, 2009, Mount Holyoke College, Massachusetts, Committee Member
- Spring 2009, Ravissa Suchato, Antidumping Effects in the Presence of Collusion in an Upstream Market: The Case of U.S. Frozen Shrimp Imports from Thailand, 2009, Kasetsart University, Thailand, Committee Member
- Spring 2009, Monica Garcia-Perez, Firm Owners and Workers: An Analysis of Immigrants and Ethnic Concentration, (ECON), 2009, Committee Member
- Spring 2008, Mohammed Helal Uddin, Gains from Contracting for U.S. Hog Growers, 2008, University of Dhaka, Bangladesh, Committee Member
- Spring 2008, Roger Claussen, Asymmetric Information and Alternate Premium Rating Methods in U.S. Crop Insurance: A Comparison of High and Low Risk Regions, 2008, USDA Economic Research Service, Committee Member
- Spring 2007, Matt Friedman, Location Choice, Product Choice, and Human Resources Decisions of Firms, (ECON), 2007, Committee Member
- Spring 2006, Ana Maria Oviedo, Regulation, Institutions and Productivity Growth, (ECON), 2006, Committee Member
- Spring 2006, Nathaniel Higgins, Agricultural and Resource Economics, 2006, USDA Economic Research Service, Committee Member

- Spring 2006, Valeria Pineiro, The Impact of Trade and Policy Liberalization on Argentina's Agricultural Sector: Technology Adoption in a Dynamic Model, 2006, World Bank, Committee Member
- Spring 2005, Singh, Manisha, Labor Adjustment in an Evolving Marketplace, (ECON) 2005, Committee Member
- Spring 2005, Heather Klemick, Agricultural and Resource Economics, 2005, U.S. EPA, Committee Member
- Spring 2004, Bresciani, Fabrizio, The Mexico 'Procede' Land Reform, 2004, FAO (Food and Agriculture Organization), Rome, Committee Member
- Spring 2003, Martin Suster, Search and Matching in Imperfect Labor Markets, (ECON 2003), Committee Member
- Spring 2002, Panchali Guha, Agricultural and Resource Economics, 2002, Committee Member
- Spring 2002, Claudia Romano, Soil Conservation and Market Constraints: the Case of Small Farmers in El Salvador, 2002, Committee Member
- Spring 2001, Claudia Bonangelino, Agricultural and Resource Economics, 2001, Committee Member
- Spring 2000, Cindy Nickerson, Characterizing Participation in Farm Preservation Programs, 2000, Agricultural and Resource Economics, 1998, Committee Member
- Spring 1999, Camilo Sarmiento, Agricultural and Resource Economics, 1999, Committee Member
- Spring 1999, Valerie Pineiro, Agricultural and Resource Economics, 1999, Committee Member
- Spring 1998, Francesca Recantini, Development of Industry Associations during Privatization in Russia, (ECON), 1998, Committee Member
- Spring 1998, Elena Irwin, Do Spatial Externalities Matter? The Role of Endogenous Interactions in the Evolution of Land Use Pattern, 1998, Committee Member
- Spring 1998, Yau-Yuh Tsay, Agricultural Policies, Engel's Law and the Development of Agriculture in Fast-Growing Economies of Asia, 1998, Committee Member
- Spring 1998, Jeong-Bin Im, An Application of Political Preference Function for Agricultural Policy Reform: Rice in Korea, 1999. Agricultural and Resource Economics, 1998, Committee Member
- Spring 1997, Jin Kyo Suh, Agricultural and Resource Economics, 1997, Committee Member
- Spring 1997, Brian Roe, Deterministic Origins of cyclical Adjustment Paths in Managed Animal Populations, 1997, Committee Member
- Spring 1996, Mario Teisl, Agricultural and Resource Economics, 1996, Committee Member
- Spring 1996, Linh Nguyen, Agricultural and Resource Economics, 1996, Committee Member
- Spring 1995, Vinod Ahuja, Alternative Institutional Arrangements for Allocating a Common Property Resource, 1995, Agricultural and Resource Economics, 1993, Committee Member
- Spring 1995, Rita Curtis, An Intertemporal Model of Fishery Supply Response Under Uncertainty, 1999 Agricultural and Resource Economics, 1995, Committee Member
- Fall 1990-Spring 1994, Guillermo Donoso, Agricultural Supply Analysis: Corner Solutions and the role of Output Specific Experience and Downside Risk Aversion, 1994, Agricultural and Resource Economics, 1990, Committee Member



- Fall 1990-Spring 1993, Madhur Guatam, Sequential Decision Making Under Temporal Risk by Households in Dryland Agriculture, Agricultural and Resource Economics, 1990, 1993, Committee Member
- Fall 1991-Spring 1993, John Baffes, Essays in International Trade of Agricultural Commodities, Agricultural and Resource Economics, 1991, 1993, Committee Member
- Fall 1991-Spring 1993, Donald Larson, Copper and the Negative Price of Storage, Agricultural and Resource Economics, 1991, 1993, Committee Member
- Spring 1993, Rodney Smith, The Conservation Reserve Program and the Equilibrium Bidding Behavior of Farmers: A Study in Mechanism Design, 1993, Committee Member
- Spring 1992, Melinda Smale, Risk, Disaster Avoidance, and Farmer Experimentation: The Microeconomics of HYV Adoption in Malawi, 1992, Committee Chair
- Spring 1991, Katie Murphy, Agricultural and Resource Economics, 1991, Committee Member
- Spring 1991, Barbara Claffey, Agricultural and Resource Economics, 1991, Committee Member
- Fall 1988-Spring 1989, Douglas Lipton, On the Structure of the U.S. Fishing Industry, Agricultural and Resource Economics, 1988, 1989, Committee Member
- Spring 1989, Chyuan-Her Juan, Agricultural and Resource Economics, 1989, Chairman
- Spring 1988, Melinda Smale, Agricultural and Resource Economics, 1988, Chairman Prospectus Committee
- Spring 1987, Eugenio Figueroa, A Dynamic Rational Expectations Model of Investment and Asset Price Determination of a Quasi-Fixed Factor: The Case of Agricultural Machinery and Equipment in the U.S., 1948-1983, Agricultural and Resource Economics, 1987, Committee Member
- Spring 1987, Scott Simon, Land Fragmentation and Consolidation: A Theoretical Model of Land Configuration with an Empirical Analysis of Fragmentation in Thailand, 1987, Committee Member
- Spring 1986, Hynook Lee, Optimal Nonlinear Agricultural Credit Pricing: Theoretical and Numerical Analysis, 1986, Committee Member
- Fall 2015, Po Yin Wong, Resilience and Adaptation to Natural Hazards: Evidence from Indonesia., Committee Member
- Fall 2015, Rubaba Ali, Essays on Impact of Infrastructure in the presence of market imperfections., Committee Member
- Spring 2015, Zan Dodson, Prolonged Illness Among Smallholders in Rural Mozambique, Dean's Representative

### **Advising: Other than Research Direction**

#### **Master's**

- Haregu Biruk “Agricultural Foreign Direct Investment in Ethiopia.” Commenter on Master’s Papers for School of Public Policy, University of Maryland
- Christina Starr, “Formal Property Rights and Domestic Investment in African Agriculture.” Commenter on Master’s Papers for School of Public Policy, University of Maryland

#### **Doctoral**

- Spring 2017, Chair, First Year Paper Committee, 7
- Fall 2016, Chair, First Year Paper Committee, 7
- Spring 2016, Chair, First Year Paper Committee, 7
- Fall 2015, Member, First Year Paper Committee, 7
- Spring 2015, Member, First Year Paper Committee, 7
- Fall 2014, Member, First Year Paper Committee, 7
- Spring 2014, Member, First Year Paper Committee, 7

#### **Other**

- Referee reports for five first-year papers
- Advisor for Fabliha Ibnat first year paper, 2017-2018
- Advisor for Aaron Adalja first year paper
- Advisor for Jen Zheng He first year paper
- Member First Year paper committee, 2014-date

#### **Other Teaching Activities**

- 2015, On-site peer evaluation of junior faculty member., Attended AREC 345 lecture to observe teaching effectiveness, and submitted report to the AREC chair.

### **SERVICE AND OUTREACH**

#### **Editorships, Editorial Boards and Reviewing Activities**

##### **Editorships**

- 2010, Associate Editor, Food Security, 2010 to date

##### **Editorial Boards**

- 2000-2004, Editorial Board Member, Agricultural and Resource Economics Review, 2000-2004

##### **Reviewing Activities for Journals and Presses**

- Agricultural and Resource Economics Review
- Agricultural Economics Review
- Reviewer, American Journal of Agricultural Economics
- Reviewer, Economic Inquiry
- Reviewer, Food Policy
- International Economic Review
- Reviewer, Journal of Agricultural and Resource Economics
- Reviewer, Journal of Economics and Business
- Reviewer, Journal of Economics and Environmental Management
- Reviewer, Journal of Economics Education

- Reviewer, Journal of Environmental Economics and Management
- Reviewer, Land Economics
- Reviewer, Northeastern Journal of Agricultural Economics
- Reviewer, Review of Agricultural Economics
- Reviewer, Southern Agricultural Economics Association
- Reviewer, The Manchester School
- Reviewer, World Development

#### **Reviewing Activities for Agencies and Foundations**

- Reviewer, United States-Israeli Binational Agricultural Research and Development Fund (BARD)
- Reviewer, U.S. Department of Agriculture, Economic Research Service, outside review of staff reports

#### **Reviewing Activities for Conferences/Professional Organizations**

- Reviewer, Northeastern Agricultural and Resource Economics Association Selected Papers and Symposium Committee
- Reviewer, American Agricultural Economics Association, (submitted papers and posters)

#### **Other**

- 2009, Department of Agricultural and Resource Economics, University of Maryland, Reviewer of first-year papers, 2009 – present

#### **Committees, Professional & Campus Service**

##### **Campus Service - Department**

- 2016, Member, Search committee for Assistant Director of Undergraduate Studies.
- 2015-2016, Chair, Qualifying Paper Committee
- 2013-2015, Member, Qualifying Paper Committee
- 2008-2017, Member, ENSP Steering Committee
- 2002, Library Committee, 1983-1985, 2002-2004
- 1999, Undergraduate Coordinator, 1994, 1996, 1999-date
- 1993, Undergraduate Committee, 1987-1992, 1993-present
- 1987-1989, Committee for Doctoral Qualifying Examinations, 1987-1989
- 1986-1987, Seminar Committee, 1986-87
- 2013, Faculty position search committee, 1988, 1994, 2002, 2011, 2013
- 2011, Chair, search committee for Assistant Director of Undergraduate Studies, 2011

##### **Campus Service - College**

- 2016. Member, Search Committee for Associate Dean for Instruction, AGNR.

- 2010, Member, AGNR Academic Programs Advisory Group, 2010 – date
- 2008-2009, Chair, search committee for Assistant Dean, College of Agriculture and Natural Resources, 2008-09
- 2005-2006, Member, Committee for 5-year performance review of Associate Dean of AGNR, 2005-2006
- 2005-2006, Chair, Program, Course, and Curriculum Committee, College of Agriculture and Natural Resources, 2005-2006
- 2001-2002, Chair, Program, Course, and Curriculum Committee, College of Agriculture and Natural Resources, 2001-2002
- 2001-2004, Member, Academic Programs Advisory Council, 2001-2004
- 2000, Departmental Representative to the College Program, Course and Curriculum Committee, 1993-1995, 2000-date
- 1993, Departmental Representative to the Dean's Committee for Undergraduate Education, 1993
- 2000, AREC Representative, Wye Field Day Organizing Committee, 2000
- 2000, Member, Dean's Committee on Graduation Ceremony, 2000
- 2001, Chair, Dean's Committee to review a complaint of Instructor Misconduct, 2001
- 2001, Member, Search committee for Assistant Dean for the College of Agriculture and Natural Resources, 2001
- 2002, Member, College Faculty Staff Excellence Awards Committee, 2002
- 2004, Member, Committee to review ENSP program and 5-year performance review of ENSP director, 2004
- 2011, Member, Committee for 5-year performance review of Associate Dean of AGNR, 2011

#### **Campus Service - University**

- 2011-2012, Member, Banneker-Key scholarship faculty advisory committee, 2012
- 2011-2015, Member, General Education Faculty Board reviewing submissions for History and Social Science, 2011 to 2015
- 2009, Member, Environmental Sciences and Policy Program Steering Committee, 1997 – 2004, 2009 to date
- 2005-2008, Member, Campus National Scholarships Advisory Committee, 2005-2008
- 2005-2009, AREC representative to Campus Senate, 2005-2009
- 2003-2004, Member, Scholarship committee for community-college transfer applicants, and 2004
- 1994-1997, Departmental Representative to Campus Committee for Development of an Undergraduate Environmental Sciences Program, 1994-1997
- 1992-1993, Freshman and Transfer advising program (Dean Betty Beckley, program leader) for undecided and pre-business majors. Summer, 1990. Approximately 15 incoming first-year students were advised during the summer and throughout their first year on campus. The purposes of this program are: (1) to inform new students of University requirements and regulations; (2) to assist first year students in making the transition from high school to college; (3) to assist students in deciding on a major. All but one of my advisees successfully completed their first year. A number of these students continued to seek my advice and council during their sophomore years. At least one student chose AREC as a major, and was chosen as a recipient of Ray Murray Scholarship for 1992-1993

- Member, Ad-hoc advisory committee on large classroom planning and construction

### **Leadership Roles in Meetings and Conferences**

- 1995, Chair, Annual Meeting of the Northeastern Agricultural and Resource Economics Association, 1995, Submitted Papers Session
- 1995, Chair, session of NBER conference on Effects of U.S. Trade Protection and Promotion Policies, Richmond, VA, October 6, 1995
- 1999, Chair, Annual Meeting of the American Agricultural Economics Association, Nashville, TN, Submitted Papers Session, 1999
- 2000, Phosphorus on the Eastern Shore: The Big Picture, Wye Field Day, Session Organizer and Chair, August, 2000

### **Other Non-University Committees, Memberships, Panels, etc.**

- 2016, Interim Chair, Board of Directors, MARBIDCO
- 2009-2016, Vice-Chair, Board of Directors, MARBIDCO
- 1997-2000, Member, technical committee to the BASIS (Broadening Access and Strengthening Input Market Systems) Collaborative Research Support Program, 1997-2000, sponsored by USAID
- 1982-1983, Member, USDA Study Team on Dairy Policy, 1982-83
- 1993, Member, Presidential Health Care Reform Task Force Working Group, 1993
- 1993, Presidential Health Care Reform Task Force Working Group, 1993

### **External Service and Consulting**

#### **Community Engagements, Local, State, National, International**

- 2012, Lecture on 2012 Farm Bill, University of Maryland Institute of Agriculture, Spring

#### **International Activities**

- 2016, Presentation to executives from the Agricultural Bank of China, Georgetown University School of Business
- 2015, Presentation to executives from the Agricultural Bank of China, Georgetown University School of Business
- 2015, Presentation to experts in Chinese Grain trade, George Mason University

#### **Corporate and Other Board Memberships**

- 2015, Member Board of Directors, Appointed to Board of Directors for Maryland Agricultural and Resource-Based Industry Development Corporation (MARBIDCO), 2004 to date

### **Media Contributions**

## **Print Media**

- 2014, For some, Income Drops as Wages Rise, Baltimore Sun, (op-ed), Feb 4, 2014

## **AWARDS, HONORS AND RECOGNITION**

### **Research Fellowships, Prizes and Awards**

- 1986, Recipient of Henry Taylor Doctoral Dissertation Award for best dissertation in Agricultural Economics, University of Wisconsin
- 1982, Awarded "Pass with Distinction", Wisconsin Agricultural Economic Faculty for performance on economic theory preliminary

### **Teaching Awards**

- 2002, Awarded Certificate of Teaching Excellence (one of twenty awards campus wide), University of Maryland Celebrating Teachers Program

### **Service Awards and Honors**

- 2005, Nominated for Outstanding Advisor of the Year Award University of Maryland Parents' Association
- 2002, Nominated for Outstanding Advisor of the Year Award University of Maryland Parents' Association

### **Other Special Recognition**

- 1983, Elected to Gamma Sigma Delta, Agricultural Honor Society
- 1982, Selected as one of four non-USDA representatives to the Secretary's study team on Dairy Policy
- 1978, Elected to Phi Kappa Phi, National Honor Society