Jeffrey D. Mullen

Department of Agricultural and Applied Economics, 314-B Conner Hall

University of Georgia, Athens, GA 30605-7509 email: jmullen@agecon.uga.edu

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Employment Experience

UNIVERSITY OF GEORGIA, Athens, GA Assistant Professor, 2000 – present

U.S. ARMY CORPS OF ENGINEERS, Alexandria, VA Water Resources Specialist, 1999-2000

BI-NATIONAL AGRICULTURAL RESEARCH DEVELOPMENT PROJECT Washington, DC

Independent Consultant, 1999

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY Blacksburg, VA

Research Assistant, 1992-1999

INSTITUTE FOR TRANSPORTATION AND DEVELOPMENT POLICY Washington, DC

Program Assistant, 1991-1992

UNITED STATES PEACE CORPS, Tikobo I, Ghana

Water and Sanitation Volunteer, 1988-1990

Education

Virginia Polytechnic Institute & State University, Blacksburg, VA Department of Agricultural and Applied Economics

Ph.D., 1999. Dissertation: Institutions and the Adoption of Long-Run Pest

Management Programs by Subsistence Farmers: The Case of Striga Control in Mali.

M.S., 1995. Thesis: Estimating Environmental and Human Health Benefits of

Reducing Pesticide Use through Integrated Pest Management Programs.

Northwestern University, Evanston, IL Department of Economics

B.S., 1988

Publications and Awards (\* indicates student under my direction)

Mullen, Jeffrey D., Julia Beckhusen, and Kyle C. Spurgeon, “A Hedonic Study of the

Value of Irrigation Water in Georgia,” Southwestern Journal of Economics, in review.

\*Gonzalez-Alvarez, Yassert, Andrew G. Keeler, Jeffrey D. Mullen, “Farm Level Irrigation and the Marginal Cost of Water Use: Evidence from Georgia,” Journal of Environmental Management, in review.

Mullen, Jeffrey D., Cesar Escalante, Gerrit Hoogenboom, and Yingzhuo Yu, “Determinants of Irrigation Farmers’ Crop Choice and Acreage Allocation Decisions: Opportunities for Extension Service Delivery,” Journal of Extension, forthcoming.

Lawrence, Thomas M., Jeffrey D. Mullen, Douglas S. Noonan, and Jay Enck, “Decision Factors Concerning Installation of Higher Efficiency Energy Consuming Equipment in Buildings,” ASHRAE Journal, forthcoming.

Lawrence, Thomas M., Jeffrey D. Mullen, Douglas S. Noonan, and Jay Enck, “Renewable Energy Equipment Decisions for Buildings,” Solar Today, forthcoming.

Spurgeon\*, Kyle C. and Jeffrey D. Mullen, “Estimating the Value of Irrigation Water in Georgia: A Hedonic Study,” Proceedings of the 2005 Georgia Water Resources Conference Katheryn J. Hatcher, editor, Institute of Ecology, The University of Georgia, Athens, Georgia, April 2005.

Beckhusen\*, Julia, Joseph B. Goodenbery, Gerrit Hoogenboom, and Jeffrey D. Mullen, “Effects of Hurricanes Frances, Ivan and Jeanne on Georgia Irrigators,” Proceedings of the 2005 Georgia Water Resources Conference Katheryn J. Hatcher, editor, Institute of Ecology, The University of Georgia, Athens, Georgia, April 2005.

Yu\*, Yingzhuo, Jeffrey D. Mullen, and Gerrit Hoogenboom, “Irrigation Management Strategies in Georgia,” Proceedings of the 2005 Georgia Water Resources Conference Katheryn J. Hatcher, editor, Institute of Ecology, The University of Georgia, Athens, Georgia, April 2005.

Mullen, Jeffrey D. and Terence J. Centner, “Impacts of Adjusting Environmental Regulations with Diffuse Enforcement Authority: Confined Animal Feeding Operations and Environmental Quality,” Review of Agricultural Economics, Vol. 26 (2), June 2004, pp. 209-219.

Center, Terence J., and Jeffrey D. Mullen, “Regulatory Responses to Potential Pollutants from Animal Feeding Operations: Opting Out of Costly Permitting Regulations,” Journal of Agricultural and Applied Economics, Vol. 36 (2), August 2004, pp. 287-295.

Mullen, Jeffrey D., “Book Review: Multiple Criteria Analysis for Agricultural

Decisions,” Agricultural Systems, Vol. 82, Issue 1, October 2004, pp. 96-97.

Mullen, Jeffrey D., “Book Review: Pricing Irrigation Water: Principles and Cases from

Developing Countries,” Journal of Agribusiness, Vol. 22 (2), Fall 2004.

Centner, Terence J. and Jeffrey D. Mullen, “Regulating the Disposal of Animal Manure to Safeguard Water Supplies,” Proceedings of the International Conference on Water Security for Future Generations, Changchun, China, July 2004, pp. 43-44.

Phillips, Willard S., John C. Bergstrom, Jeffrey H. Dorfman, and Jeffrey D. Mullen, Report on the Analysis of the Pilot Study Data for the Georgia Department of Natural Resources Coastal Resources Division in Relation to the Georgia Blue Crab Fishery, submitted to the Georgia Department of Natural Resources, August 2004.

Mullen, Jeffrey D., Daniel B. Taylor, Makan Fofana, and Demba Kebe, “A bio-economic model of long-run Striga control with an application to subsistence farming in Mali,” International Journal of Pest Management, Vol. 49 (3), September 2003, pp. 251-264.

Mullen, Jeffrey D., Daniel B. Taylor, Makan Fofana, and Demba Kebe, “Integrating Long-Run Biological and Economic Considerations into Striga Management Programs,” Agricultural Systems, May 2003, Vol. 76, Issue 2, pp. 787-795.

Center, Terence J., and Jeffrey D. Mullen, “Enforce Existing Animal Feeding Operations Regulations to Reduce Pollutants,” Water Resources Management, April 2002, Vol. 16, No. 2, pp. 133-144.

Mullen, Jeffrey D., and Gary J. Gascho, “An Economic Analysis of Broiler Litter Application to Selected Row Crops in Southwest Georgia,” in Georgia Water Quality Conference Proceedings, March, 2001.

Scodari, Paul, and Jeffrey D. Mullen, Cost Analysis for the 1999 Proposal to Issue and Modify Nationwide Permits, published by the Institute for Water Resources, U.S. Army Corps of Engineers, Alexandria, VA, 2000.

Mullen, Jeffrey D., Zvi Tropp, George W. Norton, Michal Keynan, and Asaf Cohen, BARD 20-Year Review: Economic Evaluation of Selected BARD Projects, published by the United States Department of Agriculture, Washington DC, December, 1999.

Mullen, Jeffrey D., Demba Kebe, Daniel B. Taylor, and Makan Fofana, “Modeling Long- Run Striga Control in Mali,” in Proceedings of Integrated Pest Management

Collaborative Research Support Program (IPM-CRSP) Annual Meeting, Blacksburg

Virginia, May 15-18, 1998.

Mullen, Jeffrey D., George W. Norton, and Dixie W. Reaves, “Economic Analysis of Environmental Benefits of Integrated Pest Management,” Journal of Agricultural and Applied Economics, Vol. 29 (2), Dec. 1997, pp. 243-253.

Norton, George W., and Jeffrey D. Mullen, Economic Evaluation of Integrated Pest Management Programs: A Literature Review, Virginia Cooperative Extension, Publication 448-120, 1994.

American Agricultural Economics Association Outstanding Master’s Thesis Award,

1995.

Presentations

Mullen, Jeffrey D., “The Economics of Poultry Litter in Georgia,” Georgia Soil and

Water Conservation Service, June 2005, Fort Gaines, GA.

Beckhusen, Julia, Joseph B. Goodenberry, Gerrit Hoogenboom, and Jeffrey D. Mullen, “Effects of Hurricanes Frances, Ivan, and Jeanne on Georgia Irrigators,” Georgia Water Resources Conference, April 2005, Athens, GA.

Yu, Yingzhuo, Jeffrey D. Mullen, and Gerrit Hoogenboom, “Irrigation Management

Strategies in Georgia,” Georgia Water Resources Conference, April 2005, Athens, GA.

Mullen, Jeffrey D. and Julia Beckhusen, “A Hedonic Study of the Value of Irrigation,” Southwestern Economics Association Annual Meeting, March 2005, New Orleans, LA.

Mullen, Jeffrey D. and Kyle C. Spurgeon, “Estimating the Value of Irrigation Water in Georgia,” International Conference for Social Science Research, November 2004, New Orleans, LA, and Georgia Water Resources Conference, April, 2005, Athens, GA.

Centner, Terence J. and Jeffrey D. Mullen, “Regulating the Disposal of Animal Manure to Safeguard Water Supplies,” International Conference on Water Security for Future Generations, 26-31 July, 2004, Changchun, China.

Spurgeon, Kyle C., “Using Hedonic Price Analysis to Deduce Water Value from Land Sales in Southwest Georgia,” under the direction of Jeffrey D. Mullen, American Agricultural Economics Association Annual Meeting, Denver Colorado, 2004.

Centner, Terence J. and Jeffrey D. Mullen, “The Regulation of Animals and Environmental Quality,” American Water Resources Association International Conference, June 2003, New York, NY.

Gonzalez-Alvarez, Yassert, Andrew G. Keeler, and Jeffrey D. Mullen, “The Response of Agricultural Water Use to Changes in Pumping Costs,” Georgia Water Quality Conference, March 2003, Athens, GA.

Centner, Terence J. and Jeffrey D. Mullen, “Increasing Regulatory Controls over Animal Feeding Operations to Enhance Environmental Quality,” Georgia Water Quality Conference, March 2003, Athens, GA.

Mullen, Jeffrey D. “Estimating the Effects of Alternative Arrangements for Tradable Water Permits on Georgia’s Impaired Waters,” Southern Agricultural Economics Association Annual Meeting, February 3-5, 2003, Mobile, AL.

Mullen, Jeffrey D. and Bill Givan, “Factors Affecting Farmer Participation in Federal Conservation Programs,” US EPA National Agriculture Sector Contacts Annual Meeting, Nov. 7-8, 2002.

Marseli, Ousama, Jack E. Houston, Jimmy Bramblett and Jeffrey D. Mullen, "A Watershed Approach to Cost Effective Water Quality Management", presented at the Southern Economics Association Conference, New Orleans, LA, November 24-25, 2002, and Soil and Water Conservation Society Annual Conference, July 2003, Spokane, WA.

Mullen, Jeffrey D., Jack E. Houston, and Ecio Costa, “Economic Principles of Water Management for Irrigation,” Workshop conducted for farmers and technicians at the Nilo Coehlo and Maria Teresa Irrigation Projects, Petrolina, Brazil, August 12-14, 2002.

Mullen, Jeffrey D., “Economic and Institutional Factors Affecting Irrigation in Georgia,” Invited Seminar at the Federal University of Pernambuco, Recife, Brazil, August 7, 2002.

Altman, Michael, “Geographic Analysis of Irrigation Permits in Southwest Georgia to Determine Pareto Improving Allocation,” under the direction of Jeffrey D. Mullen, American Agricultural Economics Association Annual Meeting, Long Beach, CA, 2002.

Bramblett, Jimmy and Jeffrey D. Mullen, “Development and Evaluation of TMDL Planning and Assessment Tools and Processes,” United States Agency for International Development’s Millennium Plus One: Integrated Water Resources Management in the New Century Workshop, Cumberland, MD, July 2001.

Mullen, Jeffrey D., and Gary J. Gascho, “An Economic Analysis of Broiler Litter Application to Selected Row Crops in Southwest Georgia,” Georgia Water Quality Conference, Athens, GA, March, 2001.

Mullen, Jeffrey D., Demba Kebe, Daniel B. Taylor, and Makan Fofana, “Long-Run Striga Control by Subsistence Farmers in Mali,” American Agricultural Economics Association Annual Meeting, Salt Lake City, Utah, 1998.

Mullen, Jeffrey D., Demba Kebe, Daniel B. Taylor, and Makan Fofana, “Modeling Long- Run Striga Control in Mali,” Integrated Pest Management Collaborative Research

Support Program (IPM-CRSP) Annual Meeting, Blacksburg Virginia, May 15-18, 1998.

Schleich, Joachim, and Jeffrey D. Mullen, “Moral Hazard and the Design of Non-Point Source Pollution Control Programs,” American Agricultural Economics Association Annual Meeting, Toronto, Canada, 1997.

Mullen, Jeffrey D., George W. Norton,and Dixie W. Reaves, “Economic Analysis of Environmental Benefits of Integrated Pest Management,” American Agricultural Economics Association Annual Meeting, San Antonio, TX, 1996, and Third National IPM Symposium/Workshop, Washington, DC, 1996.

Norton, George W., Jeffrey D. Mullen, and Edwin Rajotte, A Primer on Economic Assessment of Integrated Pest Management, Third National IPM Symposium/Workshop, Washington, DC, 1996.

Grant Activity

USDA 2003, $272,117 over 3 years USDA 2005 $240,756 over 3 years DNR Blue Crab $60,000 over 1 year

Sea Grant $44,217over 2 years (In Review)

NOAA 2005 $300,000 over 2.5 years (to be submitted July 15)

Courses Taught

Quantitative Techniques in Agricultural Economics (Graduate)

Economic Perspectives on the Environment and Natural Resources (Undergraduate) Principles of Resource Economics (Undergraduate)

Environmental Economics and Policy Analysis (Graduate)

Production Economics: Theory with Applications (Graduate and Undergraduate) Water Resource Economics (Graduate and Undergraduate)

Languages

Native English speaker, Conversational French, Some Swahili and Nzema