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Education

Doctor of Philosophy: University of Nebraska-Lincoln, 2000 Fields of Specialization: International Economics Environmental and Natural Resource Economics

Bachelors of Arts: University of Nebraska-Lincoln, 1995 Major: Economics

Professional Experience

- Professor of Economics East Carolina University, 2017-present Executive Director, Office of Global Affairs East Carolina University, 2017-present Professor of Economics Mississippi State University, 2015-2017 Associate Vice President for International Programs & Executive Director (Interim), International Institute Mississippi State University, 2013-2016 Director, International Business Academic Program Mississippi State University, 2011-2014 Associate Professor of Economics Mississippi State University, 2008-2015
- Assistant Professor of Economics Mississippi State University, 2002-2008

Journal Articles

"Performance Efficiency in NCAA Basketball" (with J.B. Bolen and J. Pitts) Journal of Sports Economics, forthcoming.

- "Minimum Wages in a Segmented Labor Market: Evidence from South Africa," (with M. Millea, J. Pitts, and B. Shoup) Journal of Labor Research, vol. 38, no. 3, 2017, pp. 335-359.
- "Investigating Spatial Dependence and Spatial Spillovers in African Agricultural Total Factor Productivity Growth" (with O. Lukongo) *The American Economist*, November 2016, pp. 1-18.
- "The Role of Supervisors in the Determination of Wages and Wage Gaps" (with S. Orozco and J. Pitts) *Applied Economics,* vol. 46, no. 29, 2014, pp. 3533-3547.
- "The Influence of individual health outcomes on individual savings behavior," (with C. Ricketts and R. Campbell) The Social Science Journal, vol. 50, 2013, pp. 471-481.
- "Academic Success and the Transfer of Community College Credits in the Principles of Economics," (with R. Campbell and P. Grimes) *The American Economist*, vol 58, iss. 1, Spring 2013, pp. 27-40.
- "Athletic Scholarships in Intercollegiate Football," (with J. Pitts) *Journal of Sports Economics*, vol. 13, iss. 5, 2012, pp. 515-535.
- "Life, Liberty, and the Pursuit of Happiness: A Jeffersonian Approach to Development Indicators," (with B. Evans) *The American Economist*, vol. 56, iss. 2, 2011, pp. 35-46.
- "Assessing Total Factor Productivity Growth in Sub-Saharan African Agriculture," (with K. Rogers and R. Campbell) Journal of Agricultural Economics, vol. 62, 2011, pp. 357-374.

- "Efficient Frontier Estimation: A Maximum Entropy Approach," (with K. Rogers and R. Campbell) *Journal of Productivity Analysis*, vol. 30, December 2008, pp. 213-221.
- "Decomposing the Income-Pollution Tradeoff: An Output Distance Function Approach," (with K. Rogers) *Environment and Development Economics*, vol. 13. iss. 4, August 2008, pp. 457-473.
- "The Effects of Hurricane Katrina on Price Pass-Through in the Gulf Coast Gasoline Market," (with B. Blair) *Economics Letters*, vol. 98, iss. 3, March 2008, pp. 229-234.
- "Cost Estimates for Multiple Pollutants: A Maximum Entropy Approach," (with R. Campbell) *Energy Economics,* vol. 29, iss. 3, May 2007, pp.503-519.
- "The Determinants of Cheating by High School Economics Students: A Comparative Study of Academic Dishonesty in the Transitional Economies," (with P. Grimes) *International Review of Economic Education*, vol. 23, iss. 2, 2005, pp. 23-45.
- "Abatement Cost Heterogeneity in Phase I Electric Utilities," (with B. Blair) *Contemporary Economic Policy*, vol. 23, no. 3, July 2005, pp. 324-340.
- "Environmentally Adjusted Productivity in the Great Plains," (with R. Perrin) *Journal of Agricultural and Resource Economics*, vol. 29, no. 2, August 2004, pp. 346-369.

Other Publications

"How is the Economic Impact of an Oil Spill Determined?" *Economy Watch*, vol. 1, iss. 3, pp. 15-17. (2010)

- Recreational Visitation and Spending Patterns on Lake Impoundments in East-Central Mississippi. (with S. Grado) J. Gan, S.C. Grado, and I.A. Munn (Eds.). In *Global Change and Forestry: Economic and Policy Impacts and Responses*. Nova Science Publishers. (2010)
- Spatial Impacts of Tradable Permit Markets: The Case of Sulfur Dioxide Emissions. (with M. Millea) Todd P. Carington (Ed.). In *Carbon Capture and Storage including Coal-Fired Power Plants*. Nova Science Publishers. (2009)
- Compendium of Research on Social and Economic Impacts of Marine Oil Spills (with D. Gill and L. Ritchie) Minerals Management Service, U.S. Department of the Interior. Environmental Studies Program. OCS Study MMS 2005-050. Washington, D.C. (2005)
- "Efficient Frontier Estimation: A Maximum Entropy Approach" (with R. Campbell, and K. Rogers) 2005 Proceedings of the American Statistical Association, Business and Economics Statistics Section [CD-ROM], Alexandria, VA: American Statistical Association, pp. 4068-4076. (2005)
- "The Economic Impacts of the Mississippi Band of Choctaw Indians on the State of Mississippi," (with M. Millea) *Mississippi Economic Review and Outlook*, vol. 16, no. 1, June 2002, pp. 27-31.

Working Papers

- "Minimum Wages in a Segmented Labor Market: Evidence from South Africa," (with M. Millea, J. Pitts, and B. Shoup) Submitted to *Journal of Labor Research*.
- "The Effects of Work Hours on Physical and Mental Health," (with C. Ricketts and R. Campbell) Submitted to Applied Economics.
- "The Effects of Political Violence on Agricultural Productivity in Africal" (with O. Lukongo) Submitted to *Journal of African Economies.*
- "Mapping the Impact of Major Wars on African Productivity Growth: A GIS Approach," (with O. Lukongo) Submitted to Journal of Maps.

"Performance Efficiency in NCAA Basketball," (with B. Bolen and J. Pitts) Submitted to Journal of Sports Economics

"Assessing the Value of Study Abroad to Students," (with M. Interis, A. Campbell, and K. Bloom)

Funded Research and Outreach

- "The Economic Impact of Medicaid Payments to Nursing Homes in Mississippi" for (with M. Millea) for the Mississippi Health Care Association. 2016. (\$15,000)
- "2016 Cochran Internship Program Spring," for the United States Department of Agriculture Foreign Agriculture Service. 2016. (\$14,057)
- "2015 Cochran Internship Program Fall," for the United States Department of Agriculture Foreign Agriculture Service. 2015. (\$9,267)
- "Agricultural Innovation Program for Pakistan," (with R. Reddy) for the International Maize and Wheat Improvement Center. 2015-2016. (\$95,110)
- "Agricultural Innovation Program for Pakistan," (with R. Nikolic) for the International Maize and Wheat Improvement Center. 2015-2016. (\$97,519)
- "Cochran Summer Internship 2015," for the United States Department of Agriculture Foreign Agriculture Service. 2015. (\$8,564)
- "2014 Scientific Exchange Scholar Program Egypt," (with R.H. Bailey) for United States Department of Agriculture. 2014. (\$31,388)
- "Young Iraqi Leaders Exchange Program for Undergraduates," (with C. Smith) for the United States Embassy in Baghdad via Meridian International. 2014. (\$180,037)
- "Cochran Summer Internship 2014," for the United States Department of Agriculture Foreign Agriculture Service. 2014. (\$4,077)
- "USAID Initiative for Long-term Training and Capacity Building for MS Training of Malawian and Ghanian Students," (with J. Silva) for the United States Agency for International Development via Michigan State University. 2013-2015. (\$370,480)
- "Crop Productivity and Quality: Soybean Management with Appropriate Research and Technology (SMART) Farms" (with D. Reynolds) for the United States Agency for International Development via University of Illinois. 2013-2016. (\$718,920)
- "Socio-economic Research Program Gender Equity Component" (with K. Ragsdale and L. Peterson) for the United States Agency for International Development via University of Illinois, 2013-2014. (\$129,904)
- "Grenada Lake Economic Development Project," (with B. Blair, and M.L. Tagert) for the Grenada County Chamber of Commerce. 2008. (\$58,880)
- "Potential Choctaw County Multi-Use/Multi-Purpose Impoundment Support," (with J. Ballweber and M.L. Tagert) for the Choctaw County Board of Supervisors via Pickering, Inc., 2007. (\$50,505)
- "Economic and Policy Analysis for Renewable and Sustainable Energy," (with C. Herdon, K. Coble, B. Blair, and R. Grala) for the U.S. Department of Energy, 2006. (\$500,000)
- "Bienville National Forest Lake Feasibility and Economic Impact Study," (with G. Evans, S. Grado, and D. Hudson) for the U.S. Department of Agriculture, Forest Service, 2006. (\$69,529)
- "Madison County Lake: Civil Engagement and Economic Impact," (with G. Evans and S. Grado) for the Madison County Economic Development Authority, 2005. (\$40,000)
- "Choctaw County Lake Marketing and Economic Impact Study," (with G. Evans, S. Grado, and D. Hudson) for the Choctaw County Board of Supervisors via Pickering, Inc., 2005. (\$77,000)
- "Social and Economic Impacts of Marine Oil Spills: A Cross-National Comparison," (with D. Gill and L. Ritchie) for the U.S. Department of the Interior, Minerals Management Service, 2003. (\$75,000)
- "The Economic Impact of the Riley Education and Performing Arts Center," (with M. Millea) for the Office of the Provost, Mississippi State University, 2003. (\$2,000)

- "The Economic Impacts of the Mississippi Band of Choctaw Indians on the State of Mississippi," (with M. Millea) for the Mississippi Band of Choctaw Indians, 2002. (\$30,700)
- "An Impact Model for Marine Resource Legislation," (with C. Campbell and M. Goodman) for the Mississippi Department of Marine Resources, 2000. (\$70,000)
- "A Comparison of Public and Private Compensation in the State of Mississippi," (for C. Campbell) for the Mississippi State Personnel Board, 2000. (\$70,000) (Research Assistant)

Total Funding: <u>\$2,717,937</u>

Professional Presentations

"Resilience in Southern Africa", 57th Academy Assembly, United States Air Force Academy, February 2016.

- "Minimum Wages in a Segmented Labor Market: Evidence from South Africa," South African Economics Association, September 2013.
- "The Effects of Political Disruption on Agricultural Productivity in Africa," Western Economic Association Intl., July 2013.
- "Structural Breaks in African Agricultural Productivity Measures," Missouri Valley Economics Association, Oct. 2012.
- "Estimating Loss in the African Agriculture Sector Due to Violence using the Synthetic Control Method," Missouri Valley Economics Association, October 2012.
- "Minimum Wages in a Segmented Labor Market: Evidence from South Africa," International Symposium on Economic Theory, Policy and Applications, July 2012
- "The Effects of Conflict on African Agricultural Productivity," Midwest International Development Assoc., April 2011.
- "The Effects of Conflict on African Agricultural Productivity," Missouri Valley Economics Association, October 2010.
- "Life Expectancy: Are men catching up or are women falling behind?" Missouri Valley Economics Assoc., October 2009.
- "Agricultural Productivity in Sub-Saharan Africa," Western Economic Association International, July 2009.
- "Exchange Rates and Crude Oil Prices: Are There Any Feedback Effects?" Western Economic Association International, July 2009.
- "Trade Openness and Cross-Country Technology Diffusion" Western Economic Association International, July 2009.
- "Simultaneous Pass-Through of Exchange Rates and Oil Prices," Western Economic Association Intl, July 2008.
- "Best Practices for Distance Education", Distance Education Boot Camp Training Session, Division of Academic Outreach and Continuing Education, Mississippi State University, June 2008
- "New Strategies for Active Learning, Online Learning, and Outcome-based Assessment", Faculty Development Seminar Series, University of the Free State, April 2008.
- "New Developments in Blended Learning and Using Simulations in the Classroom", Faculty Development Seminar Series, University of the Free State, March 2008.
- "Grade Equivalency and Transfer of Community College Credits in the Principles of Economics," Southern Economic Association, November 2007.
- "Variation in Recreational Visitation: The Case of Lakes in East Mississippi," Southern Forest Economists Workshop, March 2007.
- "The Effects of Hurricane Katrina on Pass-Through for Gulf Coast Gasoline," American Economic Association, Jan. 2007.
- "The Determinants of Cheating by High School Economics Students: A Comparative Study of Academic Dishonesty in the Transitional Economies," National Council on Economic Education, October 2005.
- "Efficient Frontier Estimation: A Maximum Entropy Approach," The 2nd Annual Conference on Information and Entropy Econometrics, September 2005.
- "Decomposing the Income/Emission Tradeoff: An Input Distance Function Approach," Western Economic Association International, July 2005.
- "Workforce Development: A Plan for the Mississippi Band of Choctaw Indians," Eastern Economic Association, March 2005.
- "Using Tourism Data for Economic Impact Studies," Tourism and Travel Research Association, September 2004.

- "Cost Estimates for Multiple Pollutants: A Maximum Entropy Approach," Western Economic Association International, July 2004.
- "Assessing the Health Benefits of the Acid Rain Program," American Agricultural Economics Association, July 2003.
- "Spatial Impacts of Tradable Permit Markets: The Case of Sulfur Dioxide Emissions," Western Economic Association International, July 2003.
- "Adjusting Great Plains Agricultural Productivity for Environmental Bads," American Agricultural Economics Association, August 2001.
- "Social Efficiency of Phase I Electric Utilities," Western Economic Association International, July 2000.
- "Calculation of Shadow Prices of Undesirable Outputs: Parametric and Non-parametric Approaches," Southern Economic Association, November 1999.
- "Shadow Prices of Sulfur Dioxide Allowances in Phase I Electric Utilities," American Agricultural Economics Association, August 1999.

Honors, Awards and Activities

Research Fellow, awarded by the Social Science Research Center, Mississippi State University, 2015.

- Lee Miller Notable Scholar, awarded by the College of Business, 2012.
- Faculty Development in International Business Workshop. Darla Moore School of Business, Executive Education Program. 2011.
- Ryan P. Miller Memorial Notable Scholar, awarded by the College of Business, 2010.
- Invited to teach Principles of Economics at University of the Free State, South Africa, 2010. Received perfect 5.0 evaluation in class of 99 students. Class demonstrated substantial gains in pre/post-course TUCE scores
- Teaching Excellence at the Masters Level Award, awarded by the College of Business, Mississippi State University, 2010.
- Bobby P. and Barbara M. Martin Outstanding Graduate Teacher, awarded by the College of Business & Industry, Mississippi State University, 2005.
- Learning Communities Grant (with M. Millea), awarded by the Office of the Provost, Mississippi State University for the establishment of a Special Topics Learning Community, 2005. (\$7,000)
- Schillig Special Teaching Projects Grant (with P. Grimes and L. White), awarded by Mississippi State University for the acquisition of portable multimedia projector and notebook computer, 2004. (\$2,000)
- Award for Excellence in Teaching by a Graduate Student, awarded by the Department of Economics, University of Nebraska-Lincoln, 1999.
- Bingham Fellowship, awarded by the Department of Economics, University of Nebraska-Lincoln for excellence in teaching, 1998.

Teaching Experience

International Economics International Economic Development Comparative Economic Policy Globalization (Study Abroad in London/Dublin) Graduate International Development Economics Readings in Economics (Learning Community) Introduction to International Business Principles of Microeconomics (US & South Africa) Principles of Macroeconomics MBA Economics (Classroom, Online, and Blended) Sports Economics Intermediate Microeconomics Managerial Economics Statistics