

Jeremy G. Weber

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EDUCATION

- 2006-2010 University of Wisconsin-Madison
PhD, Agricultural and Applied Economics
Concentration: Economics of Growth and Development
- 2001-2005 Juniata College, Huntingdon, PA
BA, International Political Economy, Summa Cum Laude

CURRENT POSITION

Graduate School of Public and International Affairs, University of Pittsburgh
Assistant Professor, 2014-
Secondary Appointment, Department of Economics

RESEARCH FIELDS

Applied Microeconomics, Agricultural Economics, Energy and Natural Resource Economics,
Development Economics

JOURNAL PUBLICATIONS

1. "What can we learn about shale gas development from land values? Opportunities, challenges, and evidence from Texas and Pennsylvania," with C. Hitaj. *Agricultural and Resource Economics Review*, forthcoming.
2. "Crop Prices, Agricultural Revenues, and the Rural Economy" with C. Wall, J. Brown, and T. Hertz. *Applied Economic Perspectives and Policy*, forthcoming.
3. "Leveraging Wealth from Farmland Appreciation: Borrowing, Land Ownership, and Farm Expansion" with N. Key. *Land Economics*, forthcoming.
4. "Do Wealth Gains from Land Appreciation Cause Farmers to Expand Acreage or Buy Land?" with N. Key. *American Journal of Agricultural Economics*, 96(5): 1334-1348.
5. "A Decade of Natural Gas Development: The Makings of a Resource Curse?" *Resource and Energy Economics*, 37: 168-183.
6. "Sustainable Rural Development and Wealth Creation: Five Observations Based on Emerging Energy Opportunities" with J. Pender and J. Brown. *Economic Development Quarterly* 25(1): 73-86, 2014.
7. "Who Does Not Respond to the Agricultural Resource Management Survey and Does It Matter?" with D. Clay. *American Journal of Agricultural Economics*, 95(3): 755-771, 2013.
8. "The Effects of a Natural Gas Boom on Employment and Income in Colorado, Texas, and Wyoming" *Energy Economics* 34: 1580-1588, 2012.
9. "Social Learning and Technology Adoption: The Case of Coffee Pruning in Peru" *Agricultural Economics* 43: 73-84, 2012.
10. "Keeping ARMS Relevant: Extracting Additional Information from ARMS" with A. Featherstone and T. Park. *Agricultural Finance Review* 72(2): 233-246, 2012.
11. "How Much Do Decoupled Payments Affect Production? An Instrumental Variable Approach with Panel Data" with N. Key. *American Journal of Agricultural Economics* 94(1): 52-66, 2012.

12. “The Economic Sustainability of Certified Coffee: Recent Evidence from Mexico and Peru” with B. Barham. *World Development* 40(6): 1269-1279, 2012.
13. “Fair Trade-Organic Coffee Cooperatives, Migration, and Secondary Schooling in Southern Mexico” with S. Gitter, B. Barham, M. Callenes, and J. Lewis. *Journal of Development Studies* 48(3), 445-463, 2012.
14. “Do ICDPs Work? An Empirical Evaluation of Forest-Based Microenterprises in the Brazilian Amazon” with E.O. Sills, S.K. Pattanayak, and S. Bauch. *Land Economics* 84(4): 645-681, 2011.
15. “How Much More Do Growers Receive for Fair Trade-Organic Coffee?” *Food Policy* 36(2): 678-685, 2011.
16. “Fair Trade/Organic Coffee, Rural Livelihoods, and the 'Agrarian Question': Southern Mexican Coffee Families in Transition” with B. Barham, M. Callenes, S. Gitter, and J. Lewis. *World Development* 39(1): 134-145, 2011.
17. “Fair Trade Coffee Enthusiasts Should Confront Reality, *Cato Journal* 27(1): 109-117, 2007.

USDA ECONOMIC RESEARCH SERVICE PUBLICATIONS

1. Natural Gas Extraction and Local Economies—No Evidence of a “Natural Resource Curse”. *Amber Waves*, August, 2014.
2. “Onshore Oil and Gas development in the Lower 48 States: Introducing a County-Level Database of Production for 2000-2011” with S. Low and N. Walsh, February, 2014.
3. “Emerging Energy Industries and Rural Growth” with J. Brown and T. Wojan. *Economic Research Report* 159, 2013.
4. “The Off-Farm Occupations of U.S. Farm Operators and Their Spouses” with J. Brown. *Economic Information Bulletin* 117, 2013.
5. “When Working Off the Farm, Farm Operators Most Commonly Work in Management and Professional Occupations,” with J. Brown. *Amber Waves*, September, 2013.
6. “Understanding Farm Income’s Role in Farm Household Finances” with R. Durst. *Amber Waves*, April, 2013.
7. “Natural Gas Extraction Creates Local Jobs in the Short Term,” *Amber Waves*, December, 2012.
8. “Expansion in Direct Payments Did Not Lead to More Crop Production” with N. Key. *Amber Waves*, September, 2012.
9. “Farm Household Income, Net Worth, and Well-Being,” with M. Ahearn. Chapter in “Agricultural Income and Finance Outlook” AIS-91, Economic Research Service, U.S. Department of Agriculture, December, 2011.
10. “Farm Household Income, Net Worth, and Well-Being” with M. Ahearn. Chapter in “Agricultural Income and Finance Outlook,” AIS-90, Economic Research Service, U.S. Department of Agriculture, December, 2010.

OTHER PUBLICATIONS

1. “Is the Natural Gas Revolution all its Fracked Up to Be for Local Economies”, with J.W. Burnett. *Choices*.
2. “Shale Development and Agriculture”, with C. Hitaj and A. Boslett. *Choices*.
3. “Shale Gas Drilling and Farm Real Estate Values”, with C. Hitaj. National Agricultural and Rural Development Policy Center, Brief 25.

4. “Rural Wealth Creation and Emerging Energy Industries: Lease and Royalty Payments to Farms” with J. Pender and J. Brown. In Rural Wealth Creation, Eds. J. Pender, B. Johnson, M. Fannin. *Routledge*.
5. “In the Good Times and the Bad: Shale Gas Development and Local Employment” *Rural Connections*, June, 2013.
6. “Fair Trade Coffee—Lessons for Healthy Growth” with P.D. Mitchel and B. Barham. *The Badger Common Tater* 62(8): 9-11, 2010.
7. “Lessons in a Cup of Coffee” *The Marketplace*, March/April, 2007.

RESEARCH IN PROGRESS

1. “Broadening Benefits from Natural Resource Extraction: Shale Development, Oil and Gas Property Taxes, and Housing Values” with W. Burnett and Irene Xiarchos.
2. “Does Federal Crop Insurance Make Environmental Externalities from Agriculture Worse?” with N. Key and E. O’Donoghue.
3. “The Effect of Natural Resource Booms on School Finances, Teacher Quality, and Student Performance”, with J. Marchand.
4. “Capturing Rents from Natural Resource Abundance: Are Royalty Rates Higher Where Oil and Gas Wells Are More Productive?”, with J. Brown and T. Fitzgerald.

PRIOR POSITIONS

2010-2014	Research Economist, Rural and Resource Economics, Economic Research Service, U.S. Department of Agriculture
2013	Adjunct Faculty, Johns Hopkins University, Krieger School of Arts and Sciences Master’s Program in Applied Economics
2009 (Jan-March)	Consultant, Development Economics Group, World Bank
2008 – 2010	Research Assistant, Department of Agricultural and Applied Economics, University of Wisconsin-Madison
2007 (Summer)	Collaborating Researcher, Amazon Institute of People and the Environment (Imazon), Belem, Brazil
2005-2006	Field Research with Peruvian Coffee Grower Cooperatives, MEDA Consulting Group/Peruvian Fulbright Commission, Peru
2004 (Summer)	Project Assistant, MEDA Consulting Group, Peru

GRADUATE SERVICE

- Graduate Courses Taught: Introduction to Econometrics (Johns Hopkins); Introduction to Quantitative Methods (GSPIA); Contemporary U.S. Energy Policy (GSPIA); Energy Production and the Local Economy (GSPIA)
- Dissertation Committee Service: Katie Joe Black (Ph.D., Economics, University of Pittsburgh)
- Member of the Doctoral Committee, Graduate School of Public and International Affairs

PROFESSIONAL SERVICE

- External Reviewer for reports on natural gas drilling by the University of Michigan and the National Agricultural and Rural Development Policy Center.

- Reviewer for *Agricultural Economics*, *Agricultural and Resource Economics*, *American Journal of Agricultural Economics*, *Australian Journal of Agricultural and Resource Economics*, *Contemporary Economic Policy*, *Ecological Economics*, *Energy Policy*, *Energy Technology*, *European Review of Agricultural Economics*, *Finnish Economic Papers*, *Food Policy*, *Journal of Agricultural and Applied Economics*, *Journal of Regional Science*, *Regional Science and Urban Economics*, *Resource and Energy Economics*, *Review of Regional Studies*, *World Development*, *World Bank Economic Review*.
- Member of the Economic Statistics and Information Resources Committee, Agricultural and Applied Economics Association.

GRANTS/FELLOWSHIPS

2014	Mascaro Center for Sustainable Innovation Faculty Fellowship in Sustainability, \$25,000
2012	USDA-ERS grant for cooperative agreement for studying farm diversification strategies (with faculty at UW-Madison), \$15,000
2010	Peruvian National Coffee Board/Rainforest Alliance, financing for data collection, \$2,500
2007	UW-Madison Latin American Studies, travel grant for research in Brazil, \$1,500
2007-2008	U.S. Dept. of Education Foreign Language Area Studies Fellowship – Portugues
2006-2007	Helen Firstbrook Franklin Fellowship – UW Latin American Studies
2005-2006	Fulbright Grantee – Peru

HONORS/AWARDS

2012	2012 Cash award for outstanding annual performance review
2011	Certificate of merit for timely release of USDA farm income estimates
2011	Cash award for contribution to farm income estimates
2011	Henry C. Taylor Doctoral Dissertation Award, Department of Agricultural and Applied Economics, University of Wisconsin-Madison
2004	Rhodes Scholarship – Pennsylvania Finalist

SELECT PRESENTATIONS

1. “Shale Gas Development and Housing Values Over a Decade”, West Virginia University, October 8, 2014.
2. “A County-Level Database of U.S. Oil and Gas Production, 2000-2011.” U.S. Department of Energy, Energy Information Administration, January 22, 2014, Washington, D.C.
3. “A Decade of Natural Gas Development: The Makings of a Resource Curse?” Agricultural and Applied Economics Association Meetings, August 4, 2013, Washington, D.C.
4. “The Reach of the Shale Gas ‘Revolution’: Extraction, Employment, and Spillovers.” Southern Regional Science Association Research Workshop on Shale Energy, July 30th, 2012, Bucknell University, Lewisburg, PA.
5. “How development of unconventional gas affects local economies” Resources for the Future, June 20, 2012, Washington D.C.

6. “Does proprietor wealth influence small business decisions? Land appreciation and farm business borrowing, investment, and output” RAND seminar series, December 12, 2012, Washington D.C.
7. “In the Good Times and the Bad: Shale Gas Development and the Local Economy” Our Energy Future Conference, September 25, 2012, Salt Lake City, Utah.
8. “Employment Gains from a Natural Gas Boom: Spatial Spillovers and State-Wide Effects.” North American Regional Science International Meetings, October 6, 2011, Miami, Florida.
9. “Trade in Certified Agricultural Products in Theory and Practice: The Case of Coffee,” New York University Robert F. Wagner Graduate School of Public Service IPSA “Trade Up Conference 2011,” April 8, 2011, New York, New York.
10. “Sustaining the Environment and Improving Livelihoods Through Fair Trade/Organic Coffee in Peru and Mexico,” University of Wisconsin-Madison Global Hotspots Lecture, November 13, 2009, Madison, Wisconsin.
11. “Do ICDPs Work? An Empirical Evaluation of Forest-Based Microenterprises in the Brazilian Amazon,” Inter-American Development Bank Research Department, November 16, 2009, Washington, D.C.
12. “Looking for the Effect of ProManejo in the FLONA Tapajos,” Amazon Institute of People and the Environment, July 30, 2007, Belem, Brazil.

LANGUAGES

English (native), Spanish (fluent), Portuguese (advanced)