

Department of Agricultural Economics, Purdue University
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I am an award-winning applied economist with more than 20 years of higher education experience, including teaching and conducting policy-oriented research. I mainly work in developing regions of the world, focusing on improving the productivity and sustainability of agriculture in marginal areas. I study connections between poverty and environmental degradation, to help eliminate both. I strive to maintain a positive perspective and to provide a constructive, collaborative, and evidence-based approach to confronting global grand challenges.

1. EDUCATION

Ph.D. Agricultural and Applied Economics, University of Wisconsin-Madison (1996)
M.A. Economics, Boston University (1985)
B.A. Economics, Boston University (1984)

2. AWARDS AND HONORS

Honorary Life Member (Fellow), International Association of Agricultural Economists (2018)
Distinguished Graduate Teaching Award, Agricultural and Applied Economics Association (2018)
Excellence in Research Award, Purdue Policy Research Institute (2018)
Faculty Fellow, Purdue Policy Research Institute (2016-2017)
Fellow, African Association of Agricultural Economics (2016)
University Faculty Scholar, Purdue University (2008-2012)
Outstanding Graduate Educator, College of Agriculture, Purdue University (2012)
Outstanding Graduate Educator, Department of Agricultural Economics, Purdue University (2011)
Agricultural Research Award, Purdue University (2007)
Outstanding Instructor, Department of Agricultural Economics, Purdue University (2003)
Teaching for Tomorrow Award, Purdue University (1998)
Best Dissertation, American Agricultural Economics Association (runner up, 1997)
Best Dissertation, Agricultural and Applied Economics, UW-Madison (1996)
Best Dissertation, Southeast Asian Studies, UW-Madison (1996)
John D. and Catherine T. MacArthur Foundation Graduate Fellowship (1993-96)
National Security Education Program Graduate Fellowship (1994)
Foreign Language Area Studies Grant (1994)
Fulbright Grant, the Philippines (1994-95)
Alumni Award, Department of Economics, Boston University (1984)

3. PROFESSIONAL EXPERIENCE

Associate Department Head and Graduate Program Director, Department of Agricultural Economics, Purdue University. Administer the resident M.S. and Ph.D. programs in Agricultural Economics; provide department, college and university academic leadership; promote excellence and diversity on campus; and manage graduate admission, recruiting and enrollment for a 120-student graduate program with an annual budget of approximately \$1.5 million. 2008-2018.

Professor, Department of Agricultural Economics, Purdue University. Teach undergraduate and graduate students in the areas of applied economics, including economic development, environmental and natural resource economics, and quantitative methods. Advise undergraduate and graduate students and conduct externally funded research. 2004-present.

Adjunct Professor, School of Economics and Business, Norwegian University of Life Sciences (NMBU), Ås, Norway. Instruct and advise graduate students in research domains related to economic development and the environment. 2007-2015.

Editor-in-Chief, *Agricultural Economics*. Responsible for managing the journal of the International Association of Agricultural Economists. Coordinate editorial assignments and peer reviews of approximately 400 annual paper submissions. 2006-2015.

Honorary Fellow, Department of Economics and Asian Economics Centre, University of Melbourne, Victoria, Australia. Conducted research on topics related to economic development and the environment in Southeast Asia. 2003-2004.

Assistant and Associate Professor with tenure, Department of Agricultural Economics, Purdue University. Taught undergraduate and graduate courses, advised students, coordinated undergraduate study abroad program, and conducted externally funded research program focusing on economy and environment in developing countries. 1996-2004.

Post-Doctoral Fellow, Department of Agricultural and Applied Economics, University of Wisconsin-Madison. Conducted research on general equilibrium impacts of trade and tax policies, and agricultural liberalization. 1996.

Instructor, University of Wisconsin-Madison. Designed and taught an interdisciplinary course entitled *Causes of World Hunger*. 1995.

Visiting Researcher, Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA), and the University of the Philippines, Los Baños. Studied land degradation and technology adoption in the Philippines. 1994-1995.

Research Assistant, Cornell Food and Nutrition Policy Program (CFNPP), Cornell University. Conducted research on the impacts of economic policy reforms in sub-Saharan Africa. 1988-1991.

4. PUBLICATIONS

Author or co-author of 200+ scholarly contributions, including 100+ peer-reviewed items. I have collaborated with more than 100 professional colleagues and published more than 50 articles and chapters with former students. RG score = 33.02 (90th ptile); h-index = 33; i10-index = 78; Google Scholar citation count = 3,553; RePEc score 5,097 (top 5% of economists worldwide).

Journal Articles (88)

Omotilewa, Oluwatoba J., Jacob Ricker-Gilbert, John Herbert Ainembabazi, Gerald Shively. 2018. "Does improved storage technology promote modern input use and food security? Evidence from a randomized trial in Uganda." *Journal of Development Economics* 135: 176-198.

Kadjo, Didier, Jacob Ricker-Gilbert, Abdoulaye Tahirou, Gerald Shively, Nasser Baco. 2018. "Storage Losses, Liquidity Constraints, and Maize Storage Decisions in Benin." *Agricultural Economics* 49: 435-454.

Pham, Linh and Gerald Shively. 2018. "Profitability of organic vegetable production in Northwest Vietnam: Evidence from Tan Lac District, Hoa Binh Province." *Organic Agriculture*. <https://doi.org/10.1007/s13165-018-0223-0>.

Reyes-Garcia, Victoria, Arild Angelsen, Gerald Shively and Dmitrij Minkin. 2018. "Does income inequality influence subjective wellbeing? Evidence from 21 developing countries." *Journal of Happiness Studies*. <https://doi.org/10.1007/s10902-018-9992-0>.

Shively, Gerald. 2017. "Infrastructure mitigates the sensitivity of child growth to local agriculture and rainfall in Nepal and Uganda." *Proceedings of the National Academy of Sciences of the United States*. doi:10.1073/pnas.1524482114.

Omiat, George and Gerald Shively. 2017. "Charting the cost of nutritionally-adequate diets in Uganda, 2000-2011" *African Journal of Food, Agriculture, Nutrition and Development* 17(1): 11571-11591. doi:10.18697/ajfand.77.16340.

Thapa, Ganesh and Gerald Shively. 2017. "Child nutrition and local food prices in Nepal." *Nepalese Journal of Agricultural Economics*.

Shively, Gerald and Ganesh Thapa. 2017. "Markets, transportation infrastructure and food prices in Nepal." *American Journal of Agricultural Economics*. 99(3):660-682. doi:10.1093/ajae/aaw086.

Ward, Patrick and Gerald Shively. 2017. "Disaster Risk, Social Vulnerability and Economic Development." *Disasters* 41(2): 209-226. doi:10.1111/disa.12199.

Mulmi, Prajula, Steven Block, Gerald Shively and William Masters. 2016. "Climatic conditions and child height: Sex-specific vulnerability and the protective effects of sanitation and food markets in Nepal." *Economics and Human Biology* 23:63-75.

Debela, Bethelhem Legesse, Gerald Shively and Stein Holden. 2015. "Does Ethiopia's Productive Safety Net Program improve child nutrition?" *Food Security* 7:1273-1289.

Ward, Patrick and Gerald Shively. 2015. "Migration and Land Rental as Responses to Income Shocks in Rural China." *Pacific Economic Review* 20(4):511-543.

Mazunda, John and Gerald Shively. 2015. "Measuring the Forest and Income Impacts of Forest User Group Participation under Malawi's Forest Co-Management Program." *Ecological Economics* 119:262-273.

Shively, Gerald, Celeste Sununtnasuk and Molly Brown. 2015. "Environmental Variability and Child Growth in Nepal." *Health and Place* 35(1):37-51.

Shively, Gerald and Celeste Sununtnasuk. 2015. "Agricultural Diversity and Child Stunting in Nepal." *The Journal of Development Studies* 51(8):1078-1096.

Shively, Gerald and Richard Yao. 2015. "Poverty, Income Inequality and Irrigation Development: Longitudinal Evidence from Palawan, Philippines." *Asian Journal of Agriculture and Development* 12(1):1-18.

Börner, Jan, Gerald Shively, Sven Wunder, Myriam Wyman. 2015. "How do rural households cope with economic shocks? Insights from global data using hierarchical analysis." *Journal of Agricultural Economics* 66(2):392-414.

Jagger, Pamela and Gerald Shively. 2015. "Taxes and Bribes in Uganda." *Journal of Development Studies* 51(1):66-79.

Michler, Jeffrey and Gerald Shively. 2015. "Land Tenure, Tenure Security and Farm Efficiency: Panel Evidence from the Philippines." *Journal of Agricultural Economics* 66(1):155-169.

Liu, Jing, Gerald Shively and James Binkley. 2014. "Access to Variety Contributes to Dietary Diversity in China." *Food Policy* 49(1):323-331.

- Sunderland, Terry, Ramadhani Achdiawan, Arild Angelsen, Ronnie Babigumira, Amy Ickowitz, Fiona Paumgarten, Victoria Reyes-García, and Gerald Shively. 2014. "Challenging perceptions about men, women and forest product use: a global comparative study." *World Development* 64:S56-S66.
- Wunder, Sven, Jan Börner, Gerald Shively and Miriam Wyman. 2014. "Safety nets, gap filling and forests: a global-comparative perspective." *World Development* 64:S29-S42.
- Brown, Molly, Kathryn Grace, Gerald Shively, Kiersten Johnson and Mark Carroll. 2014. "Using Satellite Remote Sensing and Household Survey Data to Assess Human Health and Nutrition Response to Environmental Change." *Population and Environment* 36(1):48-72.
- Suttles, S. A., W. Tyner, G. Shively, R. D. Sands and B. Sohngen. 2014. "Economic effects of bioenergy policy in the United States and Europe: A general equilibrium approach focusing on forest biomass." *Renewable Energy* 69:428-436.
- Jagger, Pamela and Gerald Shively. 2014. "Land Use Change, Fuel Use and Respiratory Health in Uganda." *Energy Policy* 67:713-726.
- Chibwana, Christopher, Gerald Shively, Monica Fisher, Charles Jumbe and William Masters. 2014. "Measuring the Impacts of Malawi's Farm Input Subsidy Program." *African Journal of Agricultural and Resource Economics* 9(1):132-147.
- Nelson, Gerald and Gerald Shively. 2014. "Modeling Climate Change and Agriculture: Introduction to the Special Issue." *Agricultural Economics* 45(1):1-2.
- Tadesse, Getaw and Gerald Shively. 2013. "Repeated Transaction in Rural Grain Markets of Ethiopia." *Journal of Development Studies* 49(9):1172-1187.
- Ainembabazi, John Herbert, Gerald Shively and Arild Angelsen. 2013. "Charcoal production and household welfare in Uganda: a quantile regression approach." *Environment and Development Economics* 18(5):537-558.
- Ricker-Gilbert, Jacob, Thomas Jayne and Gerald Shively. 2013. "Addressing the 'Wicked Problem' of Input Subsidy Programs in Africa." *Applied Economics Perspectives and Policy* 35(2):322-340.
- Chibwana, Christopher, Charles Jumbe and Gerald Shively. 2013. "Agricultural Subsidies and Forest Clearing in Malawi." *Environmental Conservation* 40(1):60-70.
- Sowell, Andrew and Gerald Shively. 2012. "Economic and Environmental Impacts of Grafted Naranjilla." *Forests, Trees and Livelihoods* 21(1):30-43.
- Jagger, Pamela, Gerald Shively and Arthur Arinaitwe. 2012. "Circular Migration, Small-scale Logging and Household Livelihoods in Uganda." *Population and Environment* 34:235-256.
- Chibwana, Christopher, Monica Fisher and Gerald Shively. 2012. "Cropland Allocation Effects of Agricultural Input Subsidies in Malawi." *World Development* 40(1):124-133.
- Debela, Bethelhem, Gerald Shively, Arild Angelsen and Mette Wik. 2012. "Economic Shocks, Diversification and Forest Use in Uganda." *Land Economics* 88(1):139-154.
- Ward, Patrick and Gerald Shively. 2011. "Vulnerability, Income Growth and Climate Change." *World Development* 40(5):916-927.
- Khundi, Fydess, Pamela Jagger, Gerald Shively and Dick Sserunkuuma. 2011. "Income, Poverty and Charcoal Production in Western Uganda." *Forest Policy and Economics* 13(3):199-205.
- Garcia, Andres and Gerald Shively. 2011. "How Might Environmental Restrictions Reduce Technical Efficiency? Evidence from a Restricted-DEA Analysis of Coffee Farms in Vietnam." *Journal of Agricultural Economics* 62(1):47-58.

- Chen, Susan, Priya Bhagowalia and Gerald Shively. 2011. "Input Choice in Agriculture: Is there a Gender Bias?" *World Development* 39(4):561-568.
- Shively, Gerald, Pamela Jagger, Dick Sserunkuuma, Arthur Arinaitwe and Christopher Chibwana. 2010. "Profits and margins along Uganda's charcoal value chain." *International Forestry Review* 12(3):271-284.
- Tran, Nam Anh, Gerald Shively and Paul Preckel. 2010. "A new method for detecting outliers in Data Envelopment Analysis." *Applied Economics Letters* 17:313-316.
- Tadesse, Getaw and Gerald Shively. 2009. "Food aid, food prices and producer disincentives in Ethiopia." *American Journal of Agricultural Economics* 91(4):942-955.
- Perdew, Jessica and Gerald Shively. 2009. "The Economics of Pest and Production Management in Smallholder Cocoa: Lessons from Sulawesi, Indonesia." *Bulletin of Indonesian Economic Studies* 45(3):409-425.
- Hogset, Heidi, William Masters, and Gerald Shively. 2009. "Policy changes, input supply liberalization, and missing markets: evidence from smallholder farms in Malawi." *Journal of Policy Modeling/EconModels.com*.
- Doutriaux, Sylvie, Charles Geisler and Gerald Shively. 2008. "Competing for Coffee Space: Development Induced Displacement in the Central Highlands of Vietnam." *Rural Sociology* 73(4):528-554.
- Masters, William A. and Gerald Shively. 2008. "Introduction to the Special Issue on the World Food Crisis." *Agricultural Economics* 39(S):373-374.
- Ha, Dang Thanh and Gerald Shively. 2008. "Coffee Boom, Coffee Bust, and Smallholder Response in Vietnam's Central Highlands." *Review of Development Economics* 12(2):312-326.
- Yao, Richard, Gerald Shively and William A. Masters. 2007. "How successful are government interventions in food markets? Insights from the Philippine rice market." *Philippine Journal of Development* 34(1):35-59.
- Fisher, Monica M., and Gerald Shively. 2007. "Agricultural Subsidies and Forest Pressure in Malawi's Miombo Woodlands." *Journal of Agricultural and Resource Economics* 32(2):349-62.
- Yao, Richard and Gerald Shively. 2007. Technical Change and Productive Efficiency: Irrigated Rice in the Philippines. *Asian Economic Journal*, 21(2):155-168.
- Rios, Ana and Gerald Shively. 2006. Farm size and nonparametric efficiency measurements for coffee farms in Vietnam. *Forests, Trees, and Livelihoods*, 16(4):397-412.
- Shively, Gerald. 2006. "Externalities and labour market linkages in a dynamic two-sector model of tropical agriculture." *Environment and Development Economics* 11(1):59-75.
- Ha, Dang Thanh and Gerald Shively. 2005. "Coffee vs. Cacao: A case study from the Vietnamese Central Highlands." *Journal of Natural Resources and Life Sciences Education*. 34:107-111.
- Mahmoud, Chowdhury and Gerald Shively. 2005. "Vegetable market integration in Bangladesh." *Bangladesh Development Studies* 31(1).
- Fisher, Monica M., Gerald Shively, and Stephan Buccola. 2005. "Activity choice, labor allocation, and forest use in Malawi." *Land Economics* 81(4):503-517.
- Fisher, Monica M., and Gerald Shively. 2005. "Can income programs reduce tropical forest pressure? Income shocks and forest use in Malawi." *World Development* 37(7):1115-1128.
- Mahmoud, Chowdhury and Gerald Shively. 2004. "Agricultural diversification and integrated pest management in Bangladesh." *Agricultural Economics* 30(3):187-194.
- Shively, Gerald. 2004. "Introduction to the special issue on poverty and forest degradation." *Environment and Development Economics* 9(2):131-134.

- Shively, Gerald and Ian Coxhead. 2004. "Conducting economic policy analysis at a landscape level: examples from a dynamic model of a Philippine watershed." *Agriculture, Ecosystems, and the Environment* 104(1):159-170.
- Shively, Gerald and Monica M. Fisher. 2004. "Smallholder labor and deforestation: a systems approach." *American Journal of Agricultural Economics* 86(5):1361-1366.
- Shively, Gerald and Stefano Pagiola. 2004. "Agricultural intensification, local labor markets, and deforestation in the Philippines." *Environment and Development Economics* 9(2):241-66.
- Shively, Gerald, Charles A. Zelek, David J. Midmore, Todd M. Nissen. 2004. "Carbon sequestration in a tropical landscape: an economic model to measure its incremental cost." *Agroforestry Systems* 60(3):189-197.
- Shively, Gerald and Charles A. Zelek. 2003. "Technical Change, Factor Bias, and Input Adjustments: Panel Data Evidence from Irrigated Rice Production in Southern Palawan, the Philippines." *Philippine Journal of Development* 30(1):91-110.
- Zelek, Charles A. and Gerald Shively. 2003. "Measuring the opportunity cost of carbon sequestration in tropical agriculture." *Land Economics* 79(3):342-354.
- Shively, Gerald and Charles A. Zelek. 2002. "Linking economic policies and environmental outcomes at a watershed scale." *Philippine Journal of Development* 29(1):101-125.
- Shively, Gerald, Elmer Martinez, and William A. Masters. 2002. "Testing the link between public intervention and food price variability: evidence from rice markets in the Philippines." *Pacific Economic Review* 7(3):545-554.
- Coxhead, Ian, Gerald Shively and Xiobing Shuai. 2002. "Development Policies, Resource Constraints, and Agricultural Expansion on the Philippine Land Frontier." *Environment and Development Economics* 7(2):341-364.
- Hossain, M. I., M. Miah, G. Norton, G. Shively and M. N. Islam. 2002. "Diffusion of IPM Technologies for Vegetable Cultivation: Empirical Results from Farmers' Experiences." *Farm Economy*, 12(1).
- Shively, Gerald. 2001. "Poverty, Consumption Risk, and Soil Conservation." *Journal of Development Economics* 65(2):267-290.
- Shively, Gerald. 2001. "Price Thresholds, Price Volatility and the Private Costs of Investment in a Developing Country Grain Market." *Economic Modelling* 18(3):399-414.
- Shively, Gerald. 2001. "Agricultural Change, Rural Labor Markets, and Forest Clearing: an Illustrative Case from the Philippines." *Land Economics* 77(2):268-284.
- Preckel, Paul V., Gerald Shively, Timothy G. Baker, Mei-Chin Chu, and Jessica Eide. 2000. "Contract Incentives and Excessive Nitrogen Use in Agriculture." *Journal of Agricultural and Resource Economics* 25(2):468-484.
- Shively, Gerald. 2000. "Soil Conservation and Consumption Risk in a Dynamic Model of Low-income Agriculture." *Environmental Monitoring and Assessment*, 62(1):55-69.
- Hossain, Md. Ismail, Gerald Shively, and Chowdhury Mahmoud. 1999. "Factors influencing pesticide use in a rice-vegetable farming system in Bangladesh." *Bangladesh Journal of Agricultural Economics* 22(2):87-98.
- Shively, Gerald. 1999. "Prices and Tree Planting on Hillside Farms in Palawan." *World Development*, 27(6):937-949.
- Shively, Gerald. 1999. "Risks and Returns from Soil Conservation: Evidence from Low-income Farms in the Philippines." *Agricultural Economics*, 21(1):53-67.

- Shively, Gerald, Richard Woodward and Denise Stanley. 1999. "Strategy and Etiquette for Graduate Students Entering the Academic Job Market." *Review of Agricultural Economics*, 21(1):512-525.
- Martinez, Elmer and Gerald Shively. 1998. "Irrigation, Employment, and the Environment in Southern Palawan." *Journal of Agricultural Economics and Development*, 26(1):112-135.
- Coxhead, Ian and Gerald Shively. 1998. "Some Economic and Environmental Implications of Technical Progress in Philippine Corn Agriculture: An Economy-wide Perspective." *Journal of Agricultural Economics and Development*, 26(1):60-90.
- Shively, Gerald. 1998. "Economic Policies and the Environment: the Case of Tree Planting on Low-income Farms in the Philippines." *Environment and Development Economics*, 3(1):15-27.
- Badiane, Ousmane and Gerald Shively. 1998. "Spatial Integration, Arbitrage Costs, and the Response of Local Prices to Policy Changes in Ghana." *Journal of Development Economics*, 56(2):411-431.
- Shively, Gerald. 1997. "Consumption Risk, Farm Characteristics, and Soil Conservation Adoption among Low-Income Farmers in the Philippines." *Agricultural Economics* 17(2):165-177.
- Shively, Gerald. 1997. "Impact of Contour Hedgerows on Maize Yields in the Philippines." *Agroforestry Systems*, 38(1):14-26.
- Shively, Gerald. 1997. "Poverty, Technology, and Wildlife Hunting in Palawan." *Environmental Conservation*, 24(1):57-63.
- Shively, Gerald. 1996. "Food Price Variability and Economic Reform: An ARCH Approach for Ghana." *American Journal of Agricultural Economics*, 78(1):126-136.
- Alderman, Harold A. and Gerald Shively. 1996. "Economic Reform and Food Prices: Evidence from Markets in Ghana." *World Development*, 24(3):521-534.
- Sahn, David E., Yves Van Frausum, and Gerald Shively. 1994. "Modeling the Nutritional and Distributional Effects of Taxing Export Crops." *Economic Development and Cultural Change*, 42(4):773-793.
- McGuire T. G., Dickey, B., Shively, G., Strumwasser, I. 1987. "Differences in resource use and cost among facilities treating alcohol, drug abuse, and mental disorders: implications for design of a prospective payment system." *American Journal of Psychiatry* 144(5):616-20.

Books (1)

Coxhead, Ian and Gerald Shively (Eds.). 2005. *Land Use Change in Tropical Watersheds: Evidence, Causes, and Remedies* Wallingford (UK): CAB International.

Book Chapters (17)

Shively, Gerald. 2018. "Achieving Equal Access." Chapter 12 (pp. 232-252) in Eise, J. and Foster, K. (Eds.) *How to Feed the World*. Washington, DC: Island Press.

Shively, Gerald and Tim Smith. 2014. "Natural Resources, the Environment and Economic Development in Southeast Asia." Chapter 6 (pp. 114-135) in Ian Coxhead (Ed.) *Handbook of Southeast Asian Economics*. London: Routledge.

Osmond, D. L., L. Tedesco, R. Turco, L. Prokopy, J. Frankenberger, G. Shively, M. Arabi, J. Wilson, D. Hoag, and D. W. Meals. 2012. "Eagle Creek Watershed, Indiana: National Institute of Food and Agriculture—Conservation Effects Assessment Project." Chapter 13 in Osmond, D., D. W. Meals, D. LK. Hoag and M. Arabi (Eds.) *How to Build Better Agricultural Conservation Programs to Protect Water Quality*. Ankeny, Iowa: Soil and Water Conservation Society.

- Shively, Gerald and Marty Luckert. 2011. "Data Analysis" Chapter 13 in Angelsen, A., Smith, C. Larsen, H., Lund, J. and Wunder, S. (Eds.) *Quantifying Livelihoods and Environmental Dependence: A Handbook for Fieldwork*. London: Earthscan.
- Shively, Gerald. 2011. "Sampling: Who, how, and how many?" Chapter 4 in Angelsen, A., Smith, C. Larsen, H., Lund, J. and Wunder, S. (Eds.) *Quantifying Livelihoods and Environmental Dependence: A Handbook for Fieldwork*. London: Earthscan.
- Shively, Gerald and Dileep Birur. 2009. "Sustainable Agriculture and Natural Resource Management: A Policy Perspective." Chapter 7 in Moore, K. M. (Ed.) 2009: *The Sciences and Art of Adaptive Management: Innovating for Sustainable Agriculture and Natural Resource Management*. Ankeny, Iowa: Soil and Water Conservation Society of America.
- Coxhead, Ian and Gerald Shively. 2005. "Economic development and watershed degradation." Chapter 1 in Coxhead, Ian and Gerald Shively (Eds.). 2005. *Land Use Change in Tropical Watersheds: Evidence, Causes, and Remedies* Wallingford (UK): CAB International.
- Coxhead, Ian and Gerald Shively. 2005. "Economic incentives and agricultural outcomes in upland settings." Chapter 6 in Coxhead, Ian and Gerald Shively (Eds.). 2005. *Land Use Change in Tropical Watersheds: Evidence, Causes, and Remedies* Wallingford (UK): CAB International.
- Shively, Gerald and Charles Zelek. 2005. "Linking economic policies and environmental outcomes at a watershed scale." Chapter 10 in Coxhead, Ian and Gerald Shively (Eds.). 2005. *Land Use Change in Tropical Watersheds: Evidence, Causes, and Remedies* Wallingford (UK): CAB International.
- Pagiola, Stefano, Marian delos Angeles, and Gerald Shively. 2005. "Using Payments for Environmental Services (PES) to assist in watershed management." Chapter 11 in Coxhead, Ian and Gerald Shively (Eds.). 2005. *Land Use Change in Tropical Watersheds: Evidence, Causes, and Remedies* Wallingford (UK): CAB International.
- Coxhead, Ian, Agnes Rola and Gerald Shively. 2005. "Conclusions and some directions for future research." Chapter 12 in Coxhead, Ian and Gerald Shively (Eds.). 2005. *Land Use Change in Tropical Watersheds: Evidence, Causes, and Remedies* Wallingford (UK): CAB International.
- Badiane, Ousmane and Gerald Shively. 2003. "Spatial Integration, Transport Costs, and the Response of Local Prices to Policy Changes in Ghana." In K. Button (ed.) *Recent Developments in Transport Economics (International Library of Critical Writings in Economics)* Edward Elgar.
- Shively, Gerald and Elmer Martinez. 2001. "Deforestation, irrigation, employment, and cautious optimism in southern Palawan, the Philippines." In A. Angelsen and D. Kaimowitz (eds.) *Agricultural Technologies and Tropical Deforestation*. Wallingford: CAB International.
- Coxhead, Ian, Gerald Shively, and Xiobing Shuai. 2001. "Agricultural development policies and land expansion in a southern Philippine watershed." In A. Angelsen and D. Kaimowitz (eds.) *Agricultural Technologies and Tropical Deforestation*. Wallingford: CAB International.
- Shively, Gerald. 2000. "Soil Conservation Adoption and Yield Risk: Evidence from Upland Farms in Bansalan." In Robert A. Cramb (ed.) *Soil Conservation Technologies for Smallholder Farming Systems in the Philippine Uplands: a Socioeconomic View*. Canberra: Australian Centre for International Agricultural Research (ACIAR).
- Badiane, Ousmane and Gerald Shively. 1997. "Market integration and the response of local prices to policy changes." In S. Bauer, R. Herrmann, and F. Kuhlmann (eds.) *Märket der Agrar-und Ernährungswirtschaft (Markets for Agriculture and the Food Industry)*. Munster-Hiltrup (Germany): Landwirtschaftsverlag GmbH.
- Alderman, Harold A. and Gerald Shively. 1996. "Price Movements and Economic Reform in Ghana: Implications for Food Security." In David Sahn (ed.) *Economic Reform and the Poor in Africa*. Oxford: Oxford University Press.

5. COMPETITIVE GRANTS RECEIVED

Principal or co-investigator for external grants totaling more than \$4 million, focusing on a range of studies in Bangladesh, Ethiopia, Ghana, India, Indonesia, Malawi, Nepal, the Philippines, Thailand, Uganda, the United States, and Vietnam. Major grants include:

U.S. Department of Agriculture, Economic Research Service (2015-2018) *Agricultural Economics Scholars Program.*

U.S. Agency for International Development (2010-2016) *Innovation Lab for Global Nutrition (Nepal and Uganda).*

U.S. Agency for International Development (2007-2010) Assets and Market Access Collaborative Research Support Program (BASIS CRSP) *Natural Capital and Poverty Reduction.*

National Science Foundation (2003-2005) *Longitudinal Effects of Technical Change, Capital Accumulation, and Labor Market Dynamics on Deforestation in the Low-income Tropics.*

Association Liaison Office for University Cooperation in Development (2003-2004) *Curriculum Development for Improved Environmental Management in Vietnam.*

The World Bank (2000-2001) *Economic and Environmental Impacts of Lowland Agricultural Development on Poor Upland Communities in Palawan, the Philippines.*

U.S. Agency for International Development (1998-2006) Sustainable Agriculture and Natural Resource Management Collaborative Research Support Program (SANREM CRSP) *Economy-Environment Modeling at a Landscape Scale.*

U.S. Agency for International Development (1998-2004) Integrated Pest Management Collaborative Research Support Program (IPM CRSP). *Economic Impacts of Integrated Pest Management in Rice-Vegetable Farming Systems in Bangladesh.*

International Food Policy Research Institute (1999) *Farm-level Response to Market Reforms in Benin and Malawi.*

Ford Foundation (1997-1998) *Economic and Environmental Impacts of Lowland Agricultural Development on Upland Communities in Palawan.*

U. S. Department of Agriculture, Conservation Effects Assessment Program (2006-2009) *Watershed-Scale Evaluation of BMP Effectiveness and Acceptability: Eagle Creek Watershed, IN.*

U.S. Fish and Wildlife Service (1997-1998) *Economic Impact Assessment of the Proposed Grand Kankakee Marsh National Wildlife Refuge.*

MacArthur Foundation (1994-1996) *Environmental Degradation in an Open Economy: The Case of Philippine Agriculture.*

6. TEACHING AND ADVISING

Undergraduate

- World Hunger
- Environmental and Natural Resource Economics

Graduate (M.S. and Ph.D.)

- Agricultural Development and Policy
- Applied Welfare Economics
- Cost-Benefit Analysis
- Dynamic Optimization
- Linear Programming and Economic Analysis
- World Food Problems

Supervisor or co-advisor to 13 Ph.D. and 31 M.S. students.

7. NOTEWORTHY SERVICE AND PROFESSIONAL DEVELOPMENT

Advisory Committee, International Programs in Agriculture, Purdue University (current)
Executive Committee, World Bank-Land Grant Partnership for Agriculture (2016-present)
Purdue University Senate Steering Committee (2016-present; chair 2016-2017)
USDA Roundtable on Agricultural Trade and Markets (2015)
LEAD21 Class X (2014-15)
Editorial Board, *Land Economics* (2013-present)
Executive Committee, Purdue Center for Global Food Security (2013-present)
Blue Ribbon Panel, Council on Food Agricultural and Resource Economics (2012-present)
Editorial Board, *Environment and Development Economics* (2012-present)
Committee on Institutional Cooperation, Academic Leadership Program (2012-2013)
Executive Committee, Purdue Climate Change Research Center (2010-2014)
Chair, International Section, Agricultural and Applied Economics Association (2010-2013)
Associate Editor, *Environment and Development Economics* (2005-2011)
Chair, Technical Committee, USAID SANREM CRSP (2004-2009)

8. PERSONAL

US Citizen; born 18 October 1962; married with two children