

Wallace E. Tyner

KEY QUALIFICATIONS:

Tyner is the James and Lois Ackerman Professor in the Department of Agricultural Economics, Purdue University. He received his B.S. degree in chemistry (1966) from Texas Christian University, and his M.A. (1972) and Ph.D. (1977) degrees in economics from the University of Maryland. Professor Tyner's research interests are in the area of energy, agriculture, and natural resource policy analysis and structural and sectoral adjustment in developing economies. He has over 200 professional papers in these areas including three books and 70+ journal papers, published abstracts, and book chapters. His past work in energy economics has encompassed oil, natural gas, coal, oil shale, biomass, ethanol from agricultural sources, and solar energy. His current research focuses on renewable energy policy issues. He is Co-chair of the National Academy of Science Committee on the Economic and Environmental Impacts of Biofuels. He teaches a graduate course in benefit-cost analysis, which incorporates risk into the economic and financial analysis of investment projects.

In 5 of the past 7 years, his students have received the department's outstanding thesis award. In 2005, he received the "Distinguished Policy Contribution" award from his professional association. In June 2007, Senator Richard G. Lugar of Indiana named Tyner an "Energy Patriot" for his work on energy policy analysis. In 2009 he received the Purdue College of Agriculture Outstanding Graduate Educator award. In the past 4 years, he has published papers with 14 graduate students.

He has 34 years of professional work experience including extensive long term and short term experience in developing countries. He spent three years (1985-88) in Morocco working as Senior Agricultural Economist and Deputy Team Leader for a project on planning, economics, and statistics for agriculture. Dr. Tyner has short-term experience in Senegal, Mali, Niger, the Gambia, Ghana, Burkina Faso, India, Bangladesh, China, Brazil, Morocco, Tunisia, Algeria, Egypt, Lebanon, Jordan, Kazakhstan, Estonia, Latvia, Lithuania, and Malaysia. He is fluent in French.

PERSONAL DATA:

Address: Department of Agricultural Economics
Purdue University
403 West State Street
West Lafayette, IN 47907-2056

Telephone: (765) 494-0199 Fax: (765) 494-9176
E-mail: wtyner@purdue.edu

WORK EXPERIENCE:

current	James and Lois Ackerman Professor of Agricultural Economics
2008-present	Co-Director, Purdue Center for Research on Energy Systems and Policy
1984-10/2009	Professor of Agricultural Economics, Purdue University
2002/03	Visiting Professor at IAMM (Institute for Mediterranean Agriculture), INRA (National Agricultural Research Institute), and the University of Montpellier in Montpellier, France
1989-2002	Professor and Department Head, Department of Agricultural Economics, Purdue University, West Lafayette, Indiana
1985-1988	Senior Agricultural Economist and Deputy Team Leader, USAID project on Planning, Economics, and Statistics in Agriculture, Morocco
1977-Present	Assistant Professor, Associate Professor (1980), and Professor (1984), Department of Agricultural Economics, Purdue University

AWARDS:

2009	American Association of Agricultural Economics – Quality of Communication award for <i>What's Driving Food Prices?</i>
2009	Team award for multidisciplinary biofuels research, Purdue College of Agriculture
2009	Outstanding Graduate Educator, Purdue College of Agriculture
2007	Senator Richard G. Lugar – “Energy Patriot” award for contributions to energy policy analysis
2005	American Association of Agricultural Economics – Distinguished Policy Contribution Award for policy work in Morocco
2002	Governor Frank O'Bannon – “Sagamore of the Wabash,” highest award given by the State of Indiana for service to Indiana
1999	American Association of Agricultural Economics – Outstanding Group Extension Program, Purdue University
1990-91	Committee on Institutional Cooperation Academic Leadership Fellow
1984	Purdue University School of Agriculture, Outstanding Researcher Award
1982	Advisor to John Hoff, who received the Outstanding Master's Thesis award from the American Association of Agricultural Economics, for <i>The Feedback Effects of Higher Oil Prices on Production of Biomass Alcohols and Synfuels</i>
1982	Honorable Mention, Quality of Communication award of the American Association of Agricultural Economics, for <i>Transportation Energy Futures: Paths of Transition</i>

International Experience of Wallace E. Tyner

Dates	Organization	Country	Topic
2011	World Bank	Morocco	Energy and climate change issues
2009/10	World Bank	Morocco	Analysis of economic distortions in agriculture and the <i>Maroc Plan Vert</i>
2008	World Bank	Malaysia	Food crisis policy response
2007	World Bank	Morocco	Analysis of domestic and trade policy issues
2007	USAID	Morocco	Teach benefit cost analysis
2006	USAID	Morocco	Agricultural policy analysis
2004	World Bank	Tunisia	Issues paper for agricultural sector review
2003/06	USAID (MEPI)	Morocco	Agricultural strategy development
2003/04	World ank/FAO	Morocco	Analysis for Morocco-US free trade agreement
2002/03	World Bank	Middle East	Review of Regional Initiative for Dryland Management (Working Group on the Environment of the Middle East Peace Process)
2002	USAID	Ghana	Present paper on the role of agribusiness in regional integration in West Africa
2002	World Bank	Morocco	Synthesis of Cereals Policy Reform Issues
2002	USAID	Egypt	Ag. Sector planning and analysis
2001/02	USAID	Mali	Ag. Sector planning and analysis
2001/02	World Bank	Global	Contributor to WB rural development strategy
2001	World Bank	MENA Region	Principal author of the Rural Development Strategy for the WB MENA region, <i>Reaching the Rural Poor in the Middle East and North Africa Region</i>
2000	US Grains Council	Morocco	Evaluation of Morocco poultry programs
2000/01	World Bank	Lebanon	Wheat and sugar policy analysis, and strategic planning for the agricultural sector
1997-99	USAID	Egypt	Teach a course in benefit-cost analysis, evaluation of wheat/flour policy options, monitoring approaches for policy reforms, and trade policy assistance
1996	USAID	Mali	Work planning activity for INSAH
1996-00	World Bank	Morocco	Trade policy and protection analysis, sectoral reform, and impact evaluation methods
1995	USDA	Egypt	Analysis of U.S.-Egyptian competition in agricultural exports
1994	USDA	Kazakhstan	Review of USDA policy analysis project
1994	U. S. Grains Council	Morocco	Analysis of the impacts of reduction of maize protection on the poultry sector
1993	Abt Associates (USAID)	Morocco	Evaluation of study on the impacts of structural adjustment measures in agriculture
1992/93	World Bank	Latvia	Agriculture sector review and project identification
1988-95	USDA-PASA & DAI (USAID)	Morocco	15 trips dealing with topics related to structural adjustment, market reform, trade liberalization, and ag policy analysis
1991	Hudson Institute	Estonia, Latvia, and Lithuania	Transformation of the agricultural sector from a controlled to a market economy (structural adjustment)
1990/91	Abt Associates (USAID)	Tunisia	Liberalization of trade and decontrolling domestic markets in animal feed ingredients
1990	WPI, Inc.	Algeria	Seminar and paper on the functioning of U.S. agriculture and lessons to be learned for Algerian re-structuring
1985-88	USDA-PASA (USAID)	Morocco	Long term resident as agricultural economist and deputy team leader in project designed to improve

			economics and statistics in agriculture
--	--	--	---

SELECTED PUBLICATIONS:Books

Tyner, Wallace E. *Energy Resources and Economic Development in India*, Leiden, Netherlands: Martinus Nijhoff Press, 1978

Tyner, Wallace E.; and Kalter, Robert J. *Western Coal: Promise or Problem*, Lexington, MA: Lexington Books, 1978.

McKinzie, Lance; Baker, Timothy G.; and Tyner, Wallace E. *A Perspective on U.S. Farm Problems and Agricultural Policy*, Boulder, CO: Westview Press, 1987.

Selected Papers

Tyner, Wallace E.; and Adams, John. "Rural Electrification in India: Bio-Gas vs. Large Scale Power," *Asian Survey*, Vol. 17, No. 8, August 1977, 724-734.

Adams, John; and Tyner, Wallace E. "Energy in Rural India: National Policy from the Village Perspective," *Indian Journal of Agricultural Economics*, Vol. 32, No. 4, October-December 1977, 77-90.

Tyner, Wallace E. "Comparison of the Potential for Producing Energy from Agriculture in Brazil, India, and the United States," *Energy Management*, Vol. 4, No. 2, April-June 1980, 147-51.

Meekhof, Ronald L.; Tyner, Wallace E.; and Holland, Forrest L. "U.S. Agricultural Policy and Gasohol: A Policy Simulation." *American Journal of Agricultural Economics* 62, No. 3 (August 1980): 408-15.

Weiler, Edward M.; and Tyner, Wallace E. "Social Cost-Benefit Analysis of the Nianga Irrigation Pilot Project, Senegal," *Journal of Developing Areas*, Vol. 15, No. 4, July 1981, 655-70.

Schrader, Lee F.; and Tyner, Wallace E. "The Relationships Between World Sweetener Markets and Alcohol Production," paper prepared for Organization for Economic Cooperation and Development (OECD) symposium on "Biomass for Energy," 1982.

Reining, Robert C.; and Tyner, Wallace E. "The Economics of Small Scale Sunflower Oil and Grain Alcohol," *American Journal of Agricultural Economics*, Vol. 63, No. 3, August 1983, 567-70.

Tyner, Wallace E.; and Hrabovszky, Janos P. "Energy, Equity, and Agricultural Development." In *Rural Development: Growth and Inequity*, IAAE Occasional Paper No. 3, pp. 225-29. Edited by Bruce L. Greenshields and Margot A. Bellamy. Gower Publishing Co., 1983.

Binkley, James K.; Tyner, Wallace E.; and Matthews, Marie E. "Evaluating Alternative Energy Policies: An Example Comparing Transportation Energy Investments." *Energy Journal* 4, No. 2 (April 1983): 91-104.

Proctor, Robert; and Tyner, Wallace E. "Assessing the Impact of Peak-Load Electricity Pricing and Solar Tax Credits on the Adoption of Solar Energy," *Land Economics*, Vol. 60, No. 1, February 1984, 49-55.

Hoff, John D.; and Tyner, Wallace E. "Inter-fuel and Inter-market Competition in Production of Biomass Alcohols: Results of a Model Combining Energy and Agricultural Markets," *Pacific and Asian Journal of Energy*, Vol. 1, No. 1, January 1987, 54-60.

Tyner, Wallace E.; and Moulay Benaissa, Samia. "Policy Reform in Domestic Marketing and Foreign Agricultural Trade in Morocco." In *Selected Papers from The Symposium on Regional and Rural Development in The Kingdom of Saudi Arabia: Strategies and Programs*, pp. 55-74. King Saud University, Riyadh, Saudi Arabia, 1990.

Abbott, Philip C.; Tyner, Wallace E.; Roth, Michael J.; and Rafsnider, Giles F. "The Economics of Wheat Production in Morocco," *Journal of Agricultural Economics*, 42, No. 1 (January 1991): 23-32.

Tyner, Wallace E. "Agricultural Sector Transformation to a Market Economy in the Baltic Republics." Report to the International Baltic Economic Commission, November 1991.

Stucky, Donna J.; and Tyner, Wallace E. "Economic Analysis of a Municipal Recycling Program." *American Journal of Agricultural Economics* 73, No. 5 (December 1991): 1534.

Kristjansson, Patricia; and Tyner, Wallace E. "Impacts of Feed Ingredient Subsidy Removal and Concurrent Trade Liberalization in Tunisia." *Agricultural Economics* 7 (1992): 331-39.

Bouanani, Mokhtar; and Tyner, Wallace E. "Structural Adjustment Policies and Agricultural Development in Morocco." In *Sustainable Agricultural Development: The Role of International Cooperation* (Proceedings of the 21st International Conference of Agricultural Economists, Tokyo, Japan), pp. 281-290. Hants, England: Dartmouth Publishing Company Ltd., 1992.

Tyner, Wally. "Studies on Wheat Trade Liberalization and Domestic Policy Reform in Morocco." USAID Cereals Marketing Reform project report #19, January 1994.

Numerous contributors including Wallace E. Tyner. *Latvia Agricultural Sector Review*. World Bank Report No. 12401-LV, December 1994.

Tyner, Wallace E.; and El-Saied, Ali A. "Analysis of Potential Competition Between U.S. and Egyptian Agricultural Exports." Study conducted for the USAID mission in Egypt, February 1995.

Tyner, Wallace E. "Corn-Derived Ethanol as a Liquid Fuel." In *The New Global Oil Market: Understanding Energy Issues in the World Economy*, pp.195-200. Edited by Siamack Shojai. Westport, CT: Praeger Publishers, 1995.

Arndt, Channing; Serghini, Hassan; and Tyner, Wallace E. "Analysis of the Impacts of Reducing Maize Protection Levels on the Moroccan Poultry Sector." *American Journal of Agricultural Economics* 77, No. 5 (December 1995): 1378.

Abbott, Philip P.; Tyner, Wallace E.; and Cripe, Kelly. "The GATT Outcome and Price Stability: World Wheat Market and Moroccan Import Policy." Paper presented at the IAAE and AMAEco Interconference Symposium: GATT Implementation and Structural Adjustment in the Mediterranean Region, June 24-26, 1996, Rabat, Morocco.

Tyner, Wallace E.; and Arndt, Channing. "Moroccan Policy Reform in Cereals, Sugar, and Oilseeds." Associates for International Resources and Development, July, 1996. Paper prepared as part of a World Bank mission to Morocco.

Tyner, Wallace E. "Development of an Approach for Monitoring and Evaluation of the Impacts of the Agricultural Development Fund." A report to the World Bank and the Moroccan Ministry of Agriculture, June 1997, 31 pages.

Tyner, Wallace E.; and Sharon L. Wall, "International Trade Climate Becomes More Important," *Feedstuffs*, pp. 12, July 21, 1997.

Doering, Otto C.; Boehlje, Mike; and Tyner, Wally. "Introduction" in *Food System 21: Gearing Up for the New Millennium*. EC-710, November 1997.

DeBoer, Larry; Taylor, Bob; and Tyner, Wally. "Macro Economy" in *Food System 21: Gearing Up for the New Millennium*. EC-710, November 1997.

Abbott, Philip; Hertel, Thomas; Masters, William; Paarlberg, Philip; Sanders, John; and Tyner, Wally. "International Trade" in *Food System 21: Gearing Up for the New Millennium*. EC-710, November 1997.

Tyner, Wallace E. "World Food Needs Toward 2020: Discussion." *American Journal of Agricultural Economics* 79 (1997): 1485-86.

Tyner, Wallace E.; and Arndt, Channing. "La Reforme Marocaine dan les Domaines des Céréales, du Sucre, et des Oléagineux." Proceedings of the Moroccan Association of Agricultural Economics, February 12-13, 1998, Rabat, Morocco, *L'Agriculture Marocaine Face A La Mondialisation*, pp. 138-84.

Mohamed, A. Mohamed; and Tyner, Wallace E. "The Impact of Foreign Capital Inflow on Saving, Investment, and Economic Growth in Egypt: An Econometric Analysis." Department of Agricultural Economics Staff Paper #98-3, April 1998.

Mohamed, A. Mohamed; and Tyner, Wallace E. "Aid and Debt Issues in Egypt: Past Trends and Future Prospects." Department of Agricultural Economics Staff Paper #98-4, April 1998.

Tyner, Wallace E.; and Morse, B. Adair (with M. Ragaa El Amir, Adel Mostafa, and Sherin Sherif).. *Wheat Subsector Baseline Study*, Impact Assessment Report No. 6, Monitoring, Verification and Evaluation Unit- Agricultural Policy Reform Program (Egypt), Abt Associates, May 1999, 105 pages.

Arndt, Channing; Tyner, Wallace E.; Redani, Latifa; Arrach, Redoun; and Serghini, Hassan. "Liberalizing Oilseeds: The Time is Right." *Actes du séminaire organisé par l'Association Marocaine de l'Agro-économie*, Rabat, Morocco, 6-7 May 1999, pp. 33-74.

Tyner, Wallace E. "Wheat and Sugar Policy Issues in Lebanon." Report to the World Bank, June 2000.

Abbott, Philip C.; Aho, Paul; Morse, Adair; Salinger, B. Lynn; and Tyner, Wallace E. *Evaluation of Morocco Poultry Industry Programs*, report to the U.S. Grains Council, September 2000, 79 pages.

Tyner, Wallace E. "Agricultural Policy Analysis Needed to Ensure that the Economic Policy Set is Aligned with the Climatic Reality." Plenary paper presented at the Association Marocaine de l'Agro-Economie, 24-25 May 2001, Rabat, Morocco.

Tyner, Wallace (principal author). *Mali Agricultural Sector Assessment*. Agricultural Policy Development Project, Abt Associates, March 2002, 2 volumes.

Tyner, Wallace (principal author). *Rural Development Strategy: Reaching the Rural Poor in the Middle East and North Africa Region*. World Bank, July 2002, 79 pages.

Tyner, Wallace (with the Cereals Reform Task Force). *Cereals Reform Synthesis Report*. Prepared for the World Bank and the Moroccan Ministry of Agriculture, July 2002.

Tyner, Wallace E. "Constraints and Opportunities for Regional Integration of Agribusiness and Related Industries in West Africa." Paper presented at the Private Sector Forum on West African Regional Integration, Accra, Ghana, October 23-24, 2002.

Tyner, Wallace E. "Le Farm Bill Américain – Quel Conséquence pour l'agriculture Américain et du Monde ?" Paper presented at the French Academy of Agriculture, November 2002, and published in *Compte Rendus de l'Académie d'Agriculture de France* No. 8/2002, pp. 21-30.

Arndt, Channing; and Tyner, Wallace E. "Policy and Progress in Moroccan Agriculture: A Retrospective and Perspective." Chapter (pp. 231-56) in *Food, Agriculture, and Economic Policy in the Middle East and North Africa*, edited by Hans Lofgren. Elsevier, 2003, 337 pages.

Tyner, Wallace; and Gray, Allan. "US Farm Program Implications for a Moroccan – US FTA." May 2003, 23 pages.

Tyner, Wallace E. "How Can Morocco Take Advantage of Its Climate and Resource Endowment to Increase Economic Growth and Development?" Paper presented at the Moroccan Association of Agricultural Economics (AMAEco) conference, May 20-21, 2004.

Jacquet, Florence; Tyner, Wallace E.; and Gray, Allan W. "La stabilisation du revenu des agriculteurs : un objectif central dans les politiques agricoles des Etats - Unis et de l'Union Européenne." *Economie Rurale* 281 (May-June 2004), pp. 9-27.

Ait El Mekki, Akka; and Tyner, Wallace E. "The Moroccan-American FTA Effects on the Agricultural and Food Sectors in Morocco." Paper presented at the 7th Annual Conference on Global Economic Analysis, Trade, Poverty, and the Environment, June 17-19, 2004, Washington, D.C. <https://www.qtap.agecon.purdue.edu/resources/download/1712.pdf>

He, Lixia; Tyner, Wallace E.; and Siam, Gamal. "Improving Irrigation Water Allocation Efficiency Using Alternative Policy Options in Egypt." Paper presented at the American Agricultural Economics Association meetings, August 1-4, 2004.

Tyner, Wallace E. "Agricultural Policy Reform in the Context of Trade Liberalization and Climatic Variability – the Case of Morocco." Paper presented at an ICARDA conference on "Obstacles to Technology Transfer for Small and Medium Sized Farmers in Arid and Semi-Arid Zones of North Africa," Algiers, Algeria, December 2004.

Serghini, Hassan, and Tyner, Wallace E. *Des Eléments de Reformes du Secteur Agricole*. Published on the CD for the December 2004 Expert Consultation led by Dr. Mohamed Ait Kadi, Rabat, Morocco, 25 pages.

Schroeter, Christiane; Lusk, Jayson; and Tyner, Wallace E. "The Impact of Taxes and Subsidies on Obesity." Paper presented at AAEA Annual Meeting in Providence, RI. July 2005. http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=16440&ftype=.pdf

He, Lixia; Tyner, Wallace E.; Doukkali, Rachid; and Siam, Gamal. "Strategic Policy Options to Improve Water allocation Efficiency: Analysis on Egypt and Morocco." Paper presented at AAEA Annual Meeting in Providence, RI. July 2005. http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=16141&ftype=.pdf

Tanner Ehmke, Mariah; Lusk, Jayson; and Tyner, Wallace E. "A Multidimensional Homo Economicus: Cultural Dimensions of Economic Behavior in Four Countries." Paper presented at AAEA Annual Meeting in Providence, RI. July 2005. http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=16291&ftype=.pdf

Tyner, Wallace E.; Jacquet, Florence; and Gray, Allan. Farm Income Stabilization: A Central Goal for American and European Policies. Paper presented at the 11th Congress of the European Association of Agricultural Economists, August 24-27, 2005, Copenhagen, Denmark. http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=17954&ftype=.pdf

Tyner, Wallace E. "The Choice of Quantitative Analysis Tools for Policy Analysis." in *Doctoral Research in Agricultural, Agro-food, and Rural Economics and Management*, proceedings of a doctoral meeting in Montpellier, France, June 2003, published in September 2005, pp. 23-26.

Dale, Rhys T., and Tyner, Wallace E. *Economic and Technical Analysis of Ethanol Dry-Milling: Model Description*. Department of Agricultural Economics Staff Paper 06-04, Purdue University, April 2006.

Dale, Rhys T., and Tyner, Wallace E. *Economic and Technical Analysis of Ethanol Dry-Milling: Model Users Manual*. Department of Agricultural Economics Staff Paper 06-05, Purdue University, April 2006.

Ait El Mekki, A. Jaafari, S., and Tyner, Wallace E. "Economic Competitiveness of the Meat Sub-sector in Morocco: The Case of Beef and Poultry." Paper presented at the 9th Annual Conference on Global Economic Analysis, GTAP/UNECA, Addis Ababa, Ethiopia, June 15-17, 2006. <https://www.gtap.agecon.purdue.edu/resources/download/2563.pdf>

Tyner, Wallace E. and Quear, Justin. "Making the Ethanol Subsidy More Efficient and Cost Effective." *Dialogue*, the newsletter of the U.S. Association for Energy Economics, August, 2006, pp.6-7. <http://www.usaee.org/pdf/Aug06.pdf#6d>.

He, Lixia; Tyner, Wallace E.; Doukkai, Rachid; and Siam, Gamal. "Policy Options to Improve Water Allocation Efficiency: Analysis on Egypt and Morocco." *Water International* 31-3 (2006), pp.320-337.

Tyner, Wallace E. and Quear, Justin. "Comparison of A Fixed and Variable Corn Ethanol Subsidy" *Choices*, Volume 21, No. 3, 2006, pp 199-202 of pdf.
<http://www.choicesmagazine.org/2006-3/grabbag/index.htm>.

Quear, Justin, and Tyner, Wallace E. "Development of A Variable Ethanol Subsidy and Comparison with the Fixed Subsidy." Staff paper 06-16, Department of Agricultural Economics, Purdue University, December 2006.

Tyner, Wallace E. "Future Prospects for Multilateral and Bilateral Trade Negotiations." *Problems of World Agriculture*, Volume XIV 2006, Warsaw Agricultural University Press, pp. 97-101.

Hurt, Chris, Tyner, Wally, and Doering, Otto. "Economics of Ethanol." Purdue Extension Publication ID-339, December 2006. <http://www.ces.purdue.edu/bioenergy>.

Tyner, Wallace E. "U.S. Ethanol Policy – Possibilities for the Future." Purdue Extension Publication ID-342-W, January 2007. <http://www.ces.purdue.edu/bioenergy>.

Tyner, Wallace E.; and Caffé, Maxime. "US and French Biofuels Policy – Possibilities for the Future," Paper presented at the OECD Workshop on Bioenergy Policy Analysis, Umea, Sweden, 22-23 January 2007.

Tyner, Wallace E.; and Taheripour, Farzad. "Future Biofuels Policy Alternatives," paper presented at the Farm Foundation/USDA conference on, April 12-13, 2007, St. Louis, Missouri. Published in *Biofuels, Food, and Feed Tradeoffs*, pages 10 – 18.
<http://www.farmfoundation.org/projects/documents/Tynerpolicyalternativesrevised4-20-07.pdf>

Tyner, Wallace E. "What We Know and What We Need to Know on Biofuels, Food, and Feed Tradeoffs." Presentation concluding the Farm foundation/USDA conference, St. Louis, MO, April 12-13, 2007. Published in *Biofuels, Food, and Feed Tradeoffs* pages 149-153.
<http://www.farmfoundation.org/projects/documents/biofuelspaper-tyner.pdf>

Taheripour, Farzad, and Tyner, Wallace E. "Ethanol Subsidies: Who Gets the Benefits," paper presented at the Farm Foundation/USDA conference, April 12-13, 2007, St. Louis, Missouri. Published in *Biofuels, Food, and Feed Tradeoffs*, pages 91 - 98.
http://www.farmfoundation.org/projects/documents/TaheripourandTyner_St_Louis.pdf

Tyner, Wallace E. "Biofuels, Energy Security, and Global Warming Policy Interactions." Paper presented at the National Agricultural Biotechnology Council conference, South Dakota State University, Brookings, SD, May 22-24, 2007. Published in *Agricultural Biofuels: Technology, Sustainability and Profitability* (NABC Report 19), edited by A. Eagleshan and R.W.F. Hardy, pp. 155-65.

Taheripour, Farzad; Birur, Dileep; Hertel, Thomas W.; and Tyner, Wallace E. "Introducing Liquid Biofuels into the GTAP Data Base." GTAP Research Memorandum No. 11, 2007.
<https://www.gtap.agecon.purdue.edu/resources/download/3939.pdf>

Birur, Dileep; Hertel, Thomas; and Tyner, Wallace E.. "Impact of Biofuel Production on World Agricultural Markets: A Computable General Equilibrium Analysis." Paper presented at the 10th annual GTAP conference, June 7-9, 2007, Lafayette, IN.
<https://www.gtap.agecon.purdue.edu/resources/download/3225.pdf>

Tyner, Wallace E. "The U.S. Biofuels Market: Policy Alternatives for the Future." Paper presented at the USAEE/IAEE North American Conference, Houston, Texas, September 16-19, 2007. <http://www.usaee.org/usaee2007/submissions/ExtendedAbs/wallace%20tyner.doc>

Tyner, Wallace E.; and Taheripour, Farzad. "Renewable Energy Policy Alternatives for the Future." *American Journal of Agricultural Economics*, Vol. 89, No. 5 (December 2007), pp. 1303-1310.

Gardner, Bruce; and Tyner, Wallace E.. "Exploration in Biofuels Economics, Policy, and History: Introduction to the Special Issue." *Journal of Agricultural and Food Industrial Organization*, Vol. 5, No. 2, article 1 (December 2007).
<http://www.bepress.com/jafio/vol5/iss2/art1>

Tyner, Wallace E. "Policy Alternatives for the Future Biofuels Industry." *Journal of Agricultural and Food Industrial Organization*, Vol. 5, No. 2, article 2 (December 2007),
<http://www.bepress.com/jafio/vol5/iss2/art2>

Schroeter, Christine; Lusk, Jason; and Tyner, Wallace E.. "Determining the Impact of Food Price and Income Changes on Body Weight," *Journal of Health Economics* 27 (2008), pp. 45-68. http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V8K-4NJ207C-1-2X&_cdi=5873&_user=29441&_orig=search&_coverDate=01%2F31%2F2008&_sk=999729998&_view=c&_wchp=dGLzVtz-zSkzV&_md5=a5b3509ad9bc77421b8228be4f07bd97&_ie=/sdarticle.pdf

This paper won the Food Safety and Nutrition section of the Agricultural and Applied Economics Association award for best paper at the 2009 AAEA meetings.

Tyner, Wallace E. and Taheripour, Farzad. "Policy Options for Integrated Energy and Agricultural Markets." *Review of Agricultural Economics*, Vol. 30, No. 3, pp. 387-396 (2008).

Tyner, Wallace E., Dooley, Frank, Hurt, Chris, and Quear, Justin. "Ethanol Pricing Issues for 2008," *Industrial Fuels and Power*, February 2008, pp.50-57.

Tyner, Wallace E. and Taheripour, Farzad. "Policy Analysis for Integrated Energy and Agricultural Markets in a Partial Equilibrium Framework." Paper presented at the Transition to a Bio-Economy Conference on February 12-13, 2008, and published in *Integration of Agricultural and Energy Systems* edited by Burton C. English, R. Jamey Menard, and Kim Jensen, pp.1-15, available at <http://farmfoundation.org/news/articlefiles/378-Atlanta%20final.pdf>.

Bista, Bhawna; Hubbs, Todd; Richert, Brian T.; Tyner, Wallace E.; and Preckel, Paul. "Economic Value of Ethanol Byproducts in Swine Diets: Evaluating Profitability of Corn Fractionation Techniques." Paper presented at the Transition to a Bio-Economy Conference on February 12-13, 2008, and published in *Integration of Agricultural and Energy Systems* edited by Burton C. English, R. Jamey Menard, and Kim Jensen, pp.55-66, available at <http://farmfoundation.org/news/articlefiles/378-Atlanta%20final.pdf>.

Tyner, Wallace E. "The US Ethanol and Biofuels Boom: Its Origins, Current Status, and Future Prospects." *BioScience* Vol. 58, No. 7 (July/August 2008), pp.646-53.

Perkis, David; Tyner, Wallace E.; and Dale, Rhys. "Economic Analysis of a Modified Dry Grind Ethanol Process with Recycle of Pretreated and Enzymatically Hydrolyzed Distillers' Grains." *Bioresource Technology* Vol. 99, issue 12, pp. 5243-49 (2008).

<http://linkinghub.elsevier.com/retrieve/pii/S0960852407007742>

Ladisich, M., Dale, B., Tyner, W., Mosier, N., Kim, Y., Cotta, M., Dien, B., Blaschek, H., Laurenas, E., Shanks, B., Verkadeg, J., Schell, C., Petersen, G. "Cellulose conversion in dry grind ethanol plants," *Bioresource Technology* 99:5157-5159 (2008).

http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6V24-4S9NG64-1-3&_cdi=5692&_user=29441&_orig=search&_coverDate=08%2F31%2F2008&_sk=999009987&_view=c&_wchp=dGLbVlb-zSkzk&_md5=f1e110547abee0d9109868ab63acbde4&_ie=/sdarticle.pdf

Ehmke, Mariah D., Lusk, Jayson, and Tyner, Wallace E. "Measuring the relative Importance of Preferences for Country-of-Origin in China, France, Niger, and the United States." *Agricultural Economics* 38 (2008) 277-285.

<http://www3.interscience.wiley.com/cgi-bin/fulltext/120088185/PDFSTART>

Motamed, Mesbah; Foster, Ken; and Tyner, Wallace E.. "Applying Cointegration and Error Correction to Measure Trade Linkages: Maize Prices in the U.S. and Mexico" *Agricultural Economics*. Volume 38. Issue 4 (2008). <http://www3.interscience.wiley.com/cgi-bin/fulltext/119879536/PDFSTART>

Abbott, Philip; Hurt, Christopher; and Tyner, Wallace E. *What's Driving Food Prices?* Farm Foundation Issue Report, July 2008. www.farmfoundation.org.

Brechbill, Sarah C.; Tyner, Wallace E.; and Ileleji, Klein E.. "The Economics of Biomass Collection, Transportation, and Supply to Indiana Cellulosic and Electric Utility Facilities." Transition to a Bioeconomy: Risk, Infrastructure and Industry Evolution. Farm Foundation conference. Berkeley, CA. June 24-25, 2008.

<http://www.farmfoundation.org/news/articlefiles/365-Berkeley%20proceedings.pdf>

Perkis, David; Tyner, Wallace E.; and Preckel, Paul. "Spatial Optimization and Economies of Scale for Cellulose to Ethanol Facilities in Indiana." Transition to a Bioeconomy: Risk, Infrastructure and Industry Evolution. Farm Foundation conference. Berkeley, CA. June 24-25, 2008. <http://www.farmfoundation.org/news/articlefiles/365-Berkeley%20proceedings.pdf>

Brechbill, Sarah, and Tyner, Wallace E.. *The Economics of Renewable Energy: Corn Stover and Switchgrass*. Purdue Extension ID-404-W, June 2008.

<http://www.ces.purdue.edu/extmedia/ID/ID-408-W.pdf>

Taheripour Farzad; Hertel, Thomas; and Tyner, Wallace E. (2008) "Implications of the Biofuels Boom for the Global Livestock Industry: A Computable General Equilibrium Analysis," paper for the 2009 *State of Food and Agriculture (SOFA)* From the Food and Agriculture Organization of the UN (FAO), Center for Global Trade Analysis, Purdue University.

Taheripour Farzad; Hertel, Thomas; Tyner, Wallace E.; Beckman, Jayson; and Birur, Dileep (2008). "Biofuels and their By-Products: Global Economic and Environmental Implications," Presented at the 11th GTAP Conference, June 12-14 2008, Helsinki, Finland and at the 2008 American Agricultural Economics Association meeting in Orlando Florida (under review- Biomass and Bioenergy).

https://www.gtap.agecon.purdue.edu/access_member/resources/res_display.asp?RecordID=27

Taheripour, Farzad; and Tyner, Wallace E. "Ethanol Subsidies, Who Gets the Benefits?" in Joe Outlaw, James Duffield,, and Ernstes (eds), *Biofuel, Food & Feed Tradeoffs*, Proceedings of a conference held by the Farm Foundation/USDA, at St. Louis, Missouri, April 12-13 2007, Farm Foundation, Pak Brook, IL, 2008, pp. 91-98.

Tyner, Wallace E.; and Taheripour, Farzad. "Future Biofuels Policy Alternatives," in Joe Outlaw, James Duffield,, and Ernstes (eds), *Biofuel, Food & Feed Tradeoffs*, Proceedings of a conference held by the Farm Foundation/USDA, at St. Louis, Missouri, April 12-13 2007, Farm Foundation, Pak Brook, IL, 2008, pp. 10-18.

Taheripour, Farzad; and Tyner, Wallace E.. Ethanol Policy Analysis – What Have We Learned So Far? *Choices* 3rd quarter 2008 23(3), pages 6-11.

<http://www.choicesmagazine.org/magazine/article.php?article=38>

Tyner, Wallace E. "The Global Impacts of US and EU Biofuels Policies." Chapter in *Sugarcane Ethanol: Contributions to Climate Change Mitigation and the Environment*, edited by Peter Aurbier and Jos van de Vooren, Wageningen Academic Publishers, 2008, pp.181-97.

Tyner, Wallace and Taheripour, Farzad (2008) "Biofuels, Policy Options, and Their Implications: Analyses Using Partial and General Equilibrium Approaches," *Journal of Agricultural & Food Industrial Organization*: Vol. 6 : Iss. 2, Article 9.

Available at: <http://www.bepress.com/jafio/vol6/iss2/art9>

Agrawal, Rakesh, Navneet R. Singh, Fabio H. Ribeiro, W. Nicholas. Delgass, David F. Perkis and Wallace E. Tyner. 2008. "Environmentally Friendly Energy Solutions." In *Foundations of Computer-Aided Process Operations (FOCAPO)*. Cambridge, MA.

Tyner, Wallace E. "Biofuels, Energy Security, and Global Warming Policy Interactions." Chapter in *Global Energy Security – Issues and Country Perspectives* edited by Sukhvinder Kaur Multani, Icfai University Press, Hyderabad, India, pages 43-57, 2008.

Abbott, Philip C.; Hurt, Christopher; and Tyner, Wallace E. "What's Driving Food Prices? March 2009 Update." Farm foundation Issue Report, March 2009.

<http://ageconsearch.umn.edu/handle/48495>

Birur, Dileep K., Hertel, Thomas W., and Tyner, Wallace E. "The Biofuels Boom: Implications for World Food Markets." Paper presented at the Food Economy Conference, The Hague, Netherlands, October 2007, and published as a chapter in *The Food Economy – Global Issues and Challenges*, edited by F. Bunte and H. Dagevos, Wageningen Academic Publishers, pp.61-75 (2009).

Rismiller, Craig W.; and Tyner, Wallace E. "Cellulosic Biofuels Analysis: Economic Analysis of Alternative Technologies." Purdue University Department of Agricultural Economics Working Paper 09-06, June 2009. <http://ageconsearch.umn.edu/handle/53583>

Doering III, Otto C.; and Tyner, Wallace E. "US and International Policies Affecting Liquid Biofuels' Expansion and Profitability." *International Journal of Biotechnology* Vol. 11, Nos. 1/2 (2009), pp. 150-67.

Taheripour, Farzad; Hertel, Thomas W.; and Tyner, Wallace E. "Implications of the Biofuels Boom for the Global Livestock Industry: A Computable General Equilibrium Analysis." Selected

paper presented at the annual meetings of the Agricultural and Applied Economics Association meetings, July 26-28, 2009. <http://ageconsearch.umn.edu/handle/49330>.

Agrawal, Rakesh; Singh, Navneet R.; Ribeiro, Fabio H.; Delgass, Nicholas W.; Perkis, David F.; Tyner, Wallace E. "Synergy in the Hybrid Thermochemical-biological Processes for Liquid Fuel Production" *Computers and Chemical Engineering* 33 (2009), pp. 2012-2017.

http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6TFT-4WNB53M-2-D&_cdi=5235&_user=29441&_orig=browse&_coverDate=12%2F10%2F2009&_sk=999669987&_view=c&_wchp=dGLbVzb-zSkWA&_md5=da85054633dc1e700be376786e54b870&_ie=/sdarticle.pdf

Tyner, Wallace E. "Big Time Issues Facing the Ethanol Industry." *Ethanol Today*, October 2009, pp.44-46.

Tyner, Wallace E. "Major Drivers of Food and Commodity Price Increases, Global Biofuels Programs, and the Global Land Use Impacts of Those Programs." Paper presented at the International Seminar on Nuclear War and Planetary Emergencies 40th Session, Erice, Italy, 19-24 August 2008, and published in a proceedings volume by World Scientific edited by R. Ragaini, series editor and chairman A. Zichichi, 2010, pp. 271-81.

Hertel, T.W., W.E. Tyner and D.K. Birur, (2010). "Global Impacts of Biofuels", *Energy Journal*, 31(1):75-100.

Ehmke, Mariah; Lusk, Jayson; and Tyner, Wallace E.. "Multidimensional Tests for Economic Behavior Differences across Cultures." *Journal of Socio-Economics* 39 (2010), pp. 37-45.

Simon, Delphine; Tyner, Wallace E.; and Jacquet, Florence. "Economic Analysis of the Potential of Cellulosic Biomass Available in France from Agricultural Residue and Energy Crops." *Bioenergy Research* (2010) 3:183-193.

<http://www.springerlink.com/content/n12678142u036n15/fulltext.pdf>

Taheripour, Farzad, and Tyner, Wallace E. "Biofuels, Policy Options, and Their Implications: Analyses Using Partial and General Equilibrium Approaches." In *Handbook of Bioenergy Economics and Policy*, edited by Madhu Khanna, Jurgen Scheffran, and David Zilberman, Springer, 2010, pp.365-83.

Tyner, Wallace E. "Comparison of the US and EU approaches to stimulating biofuels." *Biofuels* Vol. 1, No. 1 (2010), pp. 19-21.

Taheripour F., T. Hertel, W. Tyner, J. Beckman, and D. Birur. "Biofuels and their By-Products: Global Economic and Environmental Implications," *Biomass and Bioenergy* 34 (2010), pp.278-89.

Tyner, Wallace E., and Daniela Viteri. "Implications of Blending Limits on the US Ethanol and Biofuels Markets." *Biofuels* 1(2) (2010), pp.251-53.

Rismiller, Craig W., and Wallace E. Tyner. "[Transportation Infrastructure Implications of Development of a Cellulosic Biofuels Industry in Indiana.](#)" *Journal of the Transportation Research Forum* 49 (1) Spring 2010, pp. 95-112.

Tyner, Wallace E. "Cellulosic Biofuels Market Uncertainties and Government Policy." *Biofuels* 1(3) (2010), pp. 389-91.

Tyner, Wallace E.; Taheripour, Farzad; Zhuang, Qianlai; Birur; Baldos, Uris. "Land Use Changes and Consequent CO2 Emissions Due to US Corn Ethanol Production: A Comprehensive Analysis." Department of Agricultural Economics, Purdue University, July 2010. Report to Argonne National Laboratory.
http://www.gtap.agecon.purdue.edu/resources/res_display.asp?RecordID=3288

Tyner, Wallace E. "What Drives Changes in Commodity Prices? Is it Biofuels?" *Biofuels* 1(4) (2010), pp. 535-37.

Erickson, Matthew J., and Tyner, Wallace E. "The Economics of Harvesting Corn Cobs for Energy." Purdue Extension ID-417-W (September 2010).

Tyner, Wallace E., Farzad Taheripour, and David Perkis. "Comparison of Fixed versus Variable Biofuels Incentives." *Energy Policy* 38 (2010) 5530-5540.

Beckman, Jayson; Roman Keeney; and Wallace E. Tyner. "[Feed Demands and Co-product Substitution in the Biofuels Era.](#)" *Agribusiness* 26 (2010) pp. 1-21.

Golub, Alla, Thomas W. Hertel, Farzad Taheripour and Wallace E. Tyner, "[Modeling Biofuels Policies in General Equilibrium: Insights, Pitfalls and Opportunities](#)", Chapter 6 in *Frontiers of Economics and Globalization, Volume 7 New Developments in General Equilibrium Analysis for Trade Policy*, edited by John Gilbert. Emerald Group Publishing, pp. 153-188, 2010.

Tyner, Wallace E., Sarah Brechbill, and David Perkis. [Cellulosic Ethanol: Feedstocks, Conversion Technologies, Economics, and Policy Options.](#) Congressional Research Service Report R41460 coordinated by Randy Schnepf, October 2010.

Tyner, Wallace E. "[The Integration of Energy and Agricultural Markets.](#)" *Agricultural Economics* 41, s1, pp. 193-201, November 2010.

Tyner, Wallace E. "[Why the Push for Drop-in Biofuels?](#)" *Biofuels* (2010) 1(6), pp. 813-14.

Brechbill, Sarah C., Wallace E. Tyner, and Klein E. Ileleji. "[The Economics of Biomass Collection and Transportation and Its Supply to Indiana Cellulosic and Electric Utility Facilities.](#)" *Bioenergy Research* 4 (2011) pp. 141-152.

Erickson, Matthew J.; Wallace E. Tyner; and Chris Hurt. "[The Economics of Harvesting Corn Cobs for Energy](#)" Purdue Agricultural Economics Report, December 2010, pp. 7-11.

Taheripour F., T.W. Hertel, and W.E. Tyner, (2011). "[Implications of biofuels mandates for the global livestock industry: a computable general equilibrium analysis.](#)" *Agricultural Economics* 42, pp. 325–342.

Huang, Shisheng, Bri-Mathias S. Hodge, Farzad Taheripour, Joseph F. Pekny, Gintaras V. Reklaitis and Wallace E. Tyner. "[The Effects of Electricity Pricing on PHEV Competitiveness.](#)" *Energy Policy* 39 (2011) 1552-1561.

Tyner, Wallace E.; Frank J. Dooley, and Daniela Viteri. "[Alternative Pathways for Fulfilling the RFS Mandate](#)" *American Journal of Agricultural Economics*, vol. 93, no. 2 (2011), pp. 465-72.

Wang, Michael Q; Jeongwoo Han, Zia Haq; Wallace E. Tyner; May Wu; and Amdad Elgowainy. "[Energy and greenhouse gas emission effects of corn and cellulosic ethanol with technology improvements and land use changes.](#)" *Biomass and Bioenergy* 35 (2011), pp. 1885-1896.

Erickson, Matthew J., Craig Dobbins, and Wallace E. Tyner. "[The Economics of Harvesting Corn Cobs for Energy.](#)" *Crop Management* March 2011.

Tyner, Wallace E. "[Review of the wide range of biofuels policy options for the USA in 2011.](#)" *Biofuels* 2(2) (March 2011), pp. 123-124.

Tyner, Wallace E. "[Biofuels and commodity price increases: short and long-term implications.](#)" *Biofuels* 2(3) (May 2011), pp. 257-258.

Tyner, Wallace E. "The Future of Biofuels." *Issues in Science and Technology Online*, a publication of the National Academy of Sciences, Winter 2011.
<http://www.issues.org/27.2/forum.html>

Abbott, Philip C.; Hurt, Christopher; and Tyner, Wallace E. [What's Driving Food Prices in 2011? Farm foundation Issue Report, July 2011.](#)

Beckman, Jayson, Tom Hertel, and Wallace E. Tyner. "[Validating energy-oriented CGE models.](#)" *Energy Economics* 33 (2011) pp.799-806.

O'Hare M. M. Deluicchi; R. Edwards; U. Fritsche; H. Gibbs; T. Hertel; J. Hill; D. Kammen; D. Laborde; L. Marelli; D. Mulligan; R. Plevin; and W. Tyner. "[Comment on 'Indirect land use change for biofuels: Testing predictions and improving analytical methodologies'](#) by Kim and Dale: statistical reliability and the definition of the indirect land use change (iLUC) issue, *Biomass and Bioenergy* (2011), doi:10.1016/j.biombioe.2011.08.004

Alexander, C.; R. Ivanic; S. Rosch; W. Tyner; S. Wu; J. Yoder, "[Contract theory and implications for perennial energy crop contracting,](#)" *Energy Economics*. (2011), doi:10.1016/j.eneco.2011.05.013

Yoder, J.R., C. Alexander, R. Ivanic, S. Rosch, W. Tyner, and S.Y. Wu, 2011, "[Risk Versus Reward, a Financial Analysis of Contract Use Implications to the Miscanthus Lignocellulosic Supply Chain,](#)" presented at the International Food and Agricultural Management Association meetings, June 2011, Frankfurt, Germany.

Beckman, Jason, Thomas Hertel, Farzad Taheripour, and Wallace Tyner. "Structural change in the biofuels era." *European Review of Agricultural Economics* doi:10.1093/erae/jbr041, Sept. 2011.

Thompson, Jena, and Wallace E. Tyner. [Corn Stover for Bioenergy Production: Cost Estimates and Farmer Supply Response.](#) Purdue Extension Renewable Energy Series, RE-3-W, Sept. 2011.

Tyner, Wallace E. "US biofuels policies: how would changes impact the sector? *Biofuels* (2011) 2(5), pp. xx-xx.