

## WALLACE E. TYNER

Professor Tyner is an energy economist and James and Lois Ackerman Professor 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 teaches a graduate course in benefit-cost analysis, which incorporates risk into the economic and financial analysis of investment projects.

In 4 of the past 5 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 and was part of a group that received the College Team award for multidisciplinary research on biofuels. In 2009, he and co-authors received the Agricultural and Applied Economics Association Quality of Communication award for *What's Driving Food Prices?*

## Current Projects and Funding Sources

1. Social, Economic, and Political Aspects of United States Ethanol Policy Options  
*Source of Support: NSF*
2. Analysis of Global Economic and Environmental Impacts of a Substantial Increase in Bioenergy Production  
*Source of Support: DOE*
3. Integrated Economic, Environmental, and Technical Analysis of Sustainable Biomass Energy Systems  
*Source of Support: USDA-CSREES*
4. Biofuels Land Use Change Modeling  
*Source of Support: Argonne National Laboratory*
5. Economic Analysis of Alternative Biofuels Policies  
*Source of Support: USDA*
6. Land Use Impacts of Cellulosic Biofuels.  
*Source of Support: California Energy Commission.*
7. Cellulosic Biofuels Technology, Market, and Policy Assessment.  
*Source of Support: Congressional Research Service*
8. Solar Economy IGERT  
*Source of Support: NSF*
9. Economic Analysis of Harvesting Corn Cobs for Biofuel  
*Source of Support: Indiana Corn Growers*
10. Analysis of the Global Impacts of Second Generation Biofuels in the Context of Other Energy Technologies and Alternative Economic and Climate Change Policy Options.  
*Source of Support: USDA/DOE*

## Curriculum Vita

### **WALLACE E. TYNER**

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#### **Office Address:**

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#### **Education:**

B.S. Texas Christian University, 1966, chemistry.  
M.A. University of Maryland, 1972, economics.  
Ph.D. University of Maryland, 1977, economics.

#### **Work Experience:**

10/2009 James and Lois Ackerman Professor of Agricultural Economics  
present  
7/2008 Co-Director, Purdue Center for Research on Energy Systems and Policy  
present  
7/84 Professor of Agricultural Economics, Purdue University  
9/2009  
2002/03 Visiting Professor at IAMM (Institute for Mediterranean Agriculture), INRA (National Agricultural Research Institute), and the University of Montpellier in Montpellier, France  
3/89- Professor and Head of Department,  
6/02 Department of Agricultural Economics, Purdue University.  
2/83-7/85 Assistant Department Head for Research and International Programs,  
8/88-3/89 Department of Agricultural Economics, Purdue University.  
8/85-8/88 Senior Agricultural Economist and Deputy Team Leader, USAID project on Planning, Economics, and Statistics in Agriculture, Rabat, Morocco.  
7/80-6/84 Associate Professor (Resource Economics),  
Department of Agricultural Economics, Purdue University.  
2/77-6/80 Assistant Professor (Resource Economics),  
Department of Agricultural Economics, Purdue University.  
9/74-1/77 Research Associate (Resource Economics),  
Department of Agricultural Economics, Cornell University.  
4/73-9/74 Associate Scientist (Resource Economics),  
Earth Satellite Corporation, Washington, DC.  
9/71-5/73 Graduate Teaching Assistant,  
Department of Economics, University of Maryland.  
7/66-7/68 Peace Corps Volunteer, India.

#### **Foreign Language:**

French

#### **Awards:**

Presidential Fellowship in Systematic Analysis, 1971, U.S. Civil Service Commission.

Honorable mention, Quality of Research Discovery award of the American Association of Agricultural Economics, 1978, for Western Coal: Promise or Problem.

Honorable mention, Quality of Communication award of the American Association of Agricultural Economics, 1982, for Transportation Energy Futures: Paths of Transition.

Advisor to John R. Hoff, who received the Outstanding Master's Thesis award from the American Association of Agricultural Economics, 1982, for The Feedback Effects of Higher Oil Prices on Production of Biomass Alcohols and Synfuels.

Purdue University School of Agriculture, Outstanding Researcher Award, 1984, for contributions to Indiana agriculture as the outstanding young researcher in the School of Agriculture.

CIC Academic Leadership Fellow, Purdue University, 1990-91.

Co-leader, *Food Systems 21* project, Outstanding Group Extension Program, American Association of Agricultural Economics, 1999.

Governor Frank O'Bannon – "Sagamore of the Wabash," highest award given by the State of Indiana for service to Indiana, 2002

American Association of Agricultural Economics – Distinguished Policy Contribution Award for policy work in Morocco, 2005

Senator Richard G. Lugar – "Energy Patriot" award for contributions to energy policy analysis, June 2007

Outstanding Graduate Educator, Purdue College of Agriculture, April 2009.

Team award for multidisciplinary biofuels research, Purdue College of Agriculture, May 2009

American Association of Agricultural Economics – Quality of Communication award for *What's Driving Food Prices?*, July 2009

### **Honoraries:**

Sigma Xi, the scientific research society.  
Gamma Sigma Delta, honor society of agriculture.  
Who's Who in America

### **Consulting:**

U.N. Food and Agriculture Organization (FAO); Organization for Economic Cooperation and Development; U.S. Department of Energy; U.S. Agency for International Development; National Science Foundation; U.S. Department of the Interior; Office of Management and Budget, Executive Office of the President; Oak Ridge Associated Universities; U.S. Grains Council; Abt Associates; International Baltic Economic Commission (Hudson Institute); World Bank; International Food Policy Research Institute; Governors' Ethanol Coalition; National Corn Growers Association; other government agencies, private corporations, and universities.

**Teaching:** AGEC 608, Benefit-Cost Analysis – a graduate course in benefit cost analysis encompassing both developed and developing country project and policy analysis and project and policy analysis under uncertainty.

**International Experience:**

<b>Dates</b>	<b>Organization</b>	<b>Country</b>	<b>Topic</b>
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 Bank/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

## PUBLICATIONS

Wallace E. Tyner

### 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.

### Book Chapters

- Kalter, Robert J. and Tyner, Wallace E. "Disposal Policy for Energy Resources in the Public Domain." In *Energy Supply and Government Policy*, pp. 51-76. Edited by William A. Vogely and Robert J. Kalter. Ithaca, NY: Cornell University Press, 1976.
- Tyner, Wallace E. and Adams, John. "Rural Electrification in India: Bio-Gas vs. Large Scale Power." In *Energy in the Developing World*, pp. 215-222. Edited by V. Smil and W.E. Knowland. Oxford: Oxford University Press, 1980.
- Tyner, Wallace E. "The Potential of Using Biomass for Energy in the United States." In *International Energy Options: An Agenda for the 1980s*, pp. 165-184. Edited by Paul Tempest. Cambridge, MA: Oelgeschlagel, Gunn, and Hain, Publishers, 1981.
- 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.
- 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; 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 (principal author). *Rural Development Strategy: Reaching the Rural Poor in the Middle East and North Africa Region*. World Bank, July 2002, 79 pages.
- 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 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.

- 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.
- 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 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.
- 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).

#### Journal Articles

- Tyner, Wallace E. and Adams, John. "Rural Electrification in India: Bio-Gas vs. Large Scale Power." *Asian Survey* 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* 32, No. 4 (October-December 1977): 77-90.
- Tyner, Wallace E. and Wright, Arthur W. "U.S. Energy Policy and Oil Independence: A Critique and a Proposal." *Materials and Society* 2 (November 1978): 15-22.
- Tyner, Wallace E. "Comparison of the Potential for Producing Energy from Agriculture in Brazil, India, and the United States." *Energy Management* 4, No. 2 (April-June 1980): 147-51.
- Meekhof, Ronald; Gill, Mohinder; and Tyner, Wallace. *Gasohol: Prospects and Implications*. USDA-ESCS Agricultural Economic Report No. 458, June 1980.
- 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.
- Tyner, Wallace E. "Our Energy Transition: The Next Twenty Years." *American Journal of Agricultural Economics* 62, No. 5 (December 1980).
- Tyner, Wallace E. "Agricultural Energy Production Potential." *Biotechnology and Bioengineering* 22, Symposium No. 10 (1980): 81-90.
- Tyner, Wallace E. "Energy Scene in the United States of America." *Energy Management* 4, No. 4 (1980): 395-402.
- Weiler, Edward M. and Tyner, Wallace E. "Social Cost-Benefit Analysis of the Nianga Irrigation Pilot Project, Senegal." *Journal of Developing Areas* 15, No. 4 (July 1981): 655-70.
- Tyner, Wallace E. "Food vs. Fuel? The Moral Issue in Using Corn for Ethanol." *Technology Review* 83, No. 7 (July 1981): 76-77.

- Tyner, Wallace E. "Biomass Energy Potential in the United States of America." *Mazingira* 5, No. 1 (1981): 44-53.
- Kalter, Robert J. and Tyner, Wallace E. "An Economic Analysis of Alternative Federal Incentives for Oil Shale." *Materials and Society* (1981).
- 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.
- Reining, Robert C. and Tyner, Wallace E. "The Economics of Small Scale Sunflower Oil and Grain Alcohol." *American Journal of Agricultural Economics* 63, No. 3. (August 1983): 567-70.
- 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* 60, No. 1 (February 1984): 49-55.
- Manteuffel, Henryk J. and Tyner, Wallace E. "A Methodics for Cost-Benefit Analysis of Irrigation Projects in Developing Countries." *Annals of Warsaw Agricultural University* No. 20 (1984): 73-80.
- 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* 1, No.1 (January 1987): 54-60.
- 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.
- Kristjanson, Patricia and Tyner, Wallace E. "Impacts of Feed Ingredient Subsidy Removal and Concurrent Trade Liberalization in Tunisia." *Agricultural Economics* 7 (1992): 331-39.
- Tyner, Wallace E. "World Food Needs Toward 2020: Discussion." *American Journal of Agricultural Economics* 79 (1997): 1485-86.
- 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.
- 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.
- 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. "Future Prospects for Multilateral and Bilateral Trade Negotiations." *Problems of World Agriculture*, Volume XIV 2006, Warsaw Agricultural University Press, pp. 97-101.
- Tyner, Wallace E., and Farzad Taheripour. "Renewable Energy Policy Alternatives for the Future." *American Journal of Agricultural Economics*, Vol. 89, No. 5 (December 2007), pp. 1303-1310.

- Gardner, Bruce, and Wallace Tyner. "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=MImg&\\_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](http://www.sciencedirect.com/science?_ob=MImg&_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. "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." *Biore-source Technology*, Volume 99, Issue 12, August 2008, pp. 5243-49. <http://linkinghub.elsevier.com/retrieve/pii/S0960852407007742>
- Ladisch, 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).
- 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.
- 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).
- Tyner, Wallace E.; 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>
- Ehmke, Mariah; Lusk, Jayson; and Tyner, Wallace E.. "Multidimensional Tests for Economic Behavior Differences across Cultures." Accepted by the *Journal of Socio-Economics* (2009).
- Doering III, Otto C.; and Tyner, Wallace E. "US and International Policies Affecting Liquid Biofuels' Expansion and Profitability." Forthcoming in the *International Journal of Biotechnology* (2009).
- Agrawal, Rakesh; Singh, Navneet R.; Ribeiro, Fabio H.; Delgass, Nicholas W.; Perkins, 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=MImg&\\_imagekey=B6TFT-4WNB53M-2-](http://www.sciencedirect.com/science?_ob=MImg&_imagekey=B6TFT-4WNB53M-2-)

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Taheripour F., T. Hertel, W. Tyner, J. Beckman, and D. Birur (2009) "Biofuels and their By-Products: Global Economic and Environmental Implications," *Biomass and Bioenergy* (forthcoming).

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

### Station Bulletins and Research Bulletins

Kalter, Robert J.; Tyner, Wallace E.; and Stevens, Thomas H. *Atlantic Outer Continental Shelf Energy Resources: An Economic Analysis*. A.E. Research 74-17, Cornell University, November 1974.

Kalter, Robert J. and Tyner, Wallace E. *Atlantic Outer Continental Shelf Energy Resources: Economic Implications for Long Island*. A.E. Research 75-1, Cornell University, April 1975.

Kalter, Robert J.; Tyner, Wallace E.; and Hughes, Daniel W. *Alternative Energy Leasing Strategies and Schedules for the Outer Continental Shelf*. A.E. Research 75-33, Cornell University, December 1975.

Tyner, Wallace E.; Kalter, Robert J.; and Wold, John T. *Western Coal: Promise or Problem*. A.E. Research 77-13, Cornell University, August 1977.

Tyner, Wallace E. and Bottum, J. Carroll. *Agricultural Energy Production: Economic and Policy Issues*. Station Bulletin No. 240, Department of Agricultural Economics, Purdue University, September 1979.

Tyner, Wallace E. *Analysis of Alternative Approaches to Leasing Coal*. Station Bulletin No. 267, Department of Agricultural Economics, Purdue University, December 1979.

Whitford, R.; Fraser, J.; Toft, G.; Tyner, W.; Doherty, M.; and Pasco, D. *Transportation Energy Futures: Paths of Transition*. Vol. 1: *Issues and Analysis*. Automotive Transportation Center, Purdue University, 1981.

Tyner, Wallace E.; Binkley, James K.; Matthews, Marie E.; and Whitford, Robert K. *Transportation Energy Futures: Paths of Transition*. Vol. 2: *Benefits and Costs*. Automotive Transportation Center and Department of Agricultural Economics, Purdue University, November 1981.

Tyner, Wallace E.; Kalter, Robert J.; Baker, Timothy G.; and Broderick, John W. *GEN3 -- A Simulation Model for Resource Policy Evaluation*. Station Bulletin No. 410, Department of Agricultural Economics, Purdue University, March 1983.

Reining, Robert C. and Tyner, Wallace E. *On Farm and Cooperative Scale Production of Sunflower Oil and Grain Alcohol for Fuel*. Station Bulletin No. 431, Department of Agricultural Economics, Purdue University, November 1983.

Schrader, Lee F. and Tyner, Wallace E. *A Review of Selected Technical and Economic Relationships for Sweeteners and Fuel Alcohol*. Station Bulletin No. 440, Department of Agricultural Economics, Purdue University, January 1984.

Thomas, Kim C. and Tyner, Wallace E. *Collective Action Problems in Social Forestry Projects*. Station Bulletin No. 610, Department of Agricultural Economics, Purdue University, January 1991.

Stucky, Donna J. and Tyner, Wallace E. *An Economic Feasibility Study of an Urban and a Rural Recycling Program*. Station Bulletin No. 629, Department of Agricultural Economics, Purdue University, December 1991.

#### Research Abstracts

Tyner, Wallace E. and Adams, John. "Rural Electrification in India: Bio-Gas versus Large Scale Power." Contributed paper abstract, *American Journal of Agricultural Economics* 58, No. 5 (December 1976): 1019.

Tyner, Wallace E. "Agriculture as a Source of Fluid Energy: Gasohol, et al." Contributed paper abstract, *American Journal of Agricultural Economics* 60, No. 5 (December 1978): 1071.

Tyner, Wallace E. "Comparison of the Potential for Producing Energy from Agriculture in Brazil, India, and the United States." Paper presented at the International Agricultural Economics Association meetings, September 1979.

Procter, Robert, and Tyner, Wallace E. "Assessing the Impact of Peak-Load Electricity Pricing and Labor Tax Credits on the Adoption of Solar Energy." Contributed paper abstract, *American Journal of Agricultural Economics* 62, No. 5 (December 1980): 1108.

Tyner, Wallace E. "Fuel From Agriculture: National Policy Considerations." *1980 Agronomy Abstracts* (1980): 128.

Tyner, Wallace E. "Grain Alcohol: Economics and Energy Balance." *World Agriculture* 29, No. 2 (1980): 6-7.

Hoff, John and Tyner, Wallace E. "The Feedback Effects of Higher Oil Prices on Production of Biomass Alcohols and Synfuels." Contributed paper abstract, *American Journal of Agricultural Economics* 63, No. 5 (December 1981): 1052.

Reining, Robert C. and Tyner, Wallace E. "A Comparison of the Economic and Technical Feasibility of Small-Scale Alcohol and Sunflower Oil Production." Contributed paper abstract, *American Journal of Agricultural Economics* 63, No. 5 (December 1981): 1052.

Tyner, Wallace E.; Reisner, Gary; Eidman, Vernon; and Doering, Otto. Symposium on "The Impacts of Natural Gas Deregulation on Agriculture." *American Journal of Agricultural Economics* 64, No. 5 (December 1982): 1073.

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.

Kristjanson, Patricia and Tyner, Wallace E. "Impacts of Subsidy Removal and Trade Liberalization of Feed Ingredients in Tunisia." *American Journal of Agricultural Economics* 73, No. 5 (December 1991): 1538.

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.

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.

Schroeter, Christiane; Lusk, Jayson; and Tyner, Wallace. "The Impact of Taxes and Subsidies on Obesity." Paper presented at AAEE Annual Meeting in Providence, RI. July 2005.

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.

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>

### **Contributed Papers, Proceedings, Staff Papers, and Research Reports**

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