

APAC

Program Review Supplemental Materials

**Blasingame Chair of
Excellence in
Agricultural Policy
1991-2014**



Agricultural Policy Analysis Center (APAC), 309 Morgan Hall, 2621 Morgan Circle,
The University of Tennessee, Knoxville, TN 37996, ph: 865-974-7407, <http://agpolicy.org>

PROGRAM REVIEW

SUPPLEMENTAL MATERIALS

**BLASINGAME CHAIR OF EXCELLENCE IN
AGRICULTURAL POLICY
DEPARTMENT OF AGRICULTURAL AND RESOURCE ECONOMICS
THE UNIVERSITY OF TENNESSEE, KNOXVILLE**

Coordinated by:

**Delton Gerloff, Department Head for the
Agricultural and Resource Economics Department**

Review Panel:

External Reviewers-
Joe Outlaw, Texas A&M University
Bob Young, American Farm Bureau Federation
Pat Westhoff, Food and Agricultural Policy Research Institute

Internal Reviewer-
Matt Murray, Baker Center

September 8-10, 2014

SUPPLEMENTAL MATERIALS

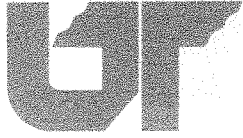
TABLE OF CONTENTS

	Page
BLASINGAME CHAIR OF EXCELLENCE DOCUMENTS.....	1
Position Announcement (PA)	2
The Plan for Excellence (PD).....	4
CURRICULA VITAE (Abbreviated)	11
Daryll Ray	12
Harwood Schaffer.....	16
Chad Hellwinckel.....	18
Lixia He Lambert	20
Daniel De La Torre Ugarte.....	22
Kelly Tiller	25
GRANT AND CONTRACT AWARDS 1991-2014	27
APAC All Grant and Contract Awards.....	28
Table 1. Grant and Contract Awards by Broad Categories.....	33
Bioenergy Related Grant and Contract Awards.....	34
Climate Change and Carbon Sequestration Grant and Contract Awards.....	36
General Macro Agricultural Policy Analysis Grant and Contract Awards.....	37
Farm Level Analysis Grant and Contract Awards	38
Tobacco Policy Grant and Contract Awards	39
Cotton Policy Grant and Contract Awards.....	40
Other Grant and Contract Awards	41
Table 2. Grant and Contract Award Funding Agencies	42
APAC Expenditures by Source	43
PUBLICATIONS AND PRESENTATIONS.....	45
Table 3. Publications and Presentations to Legislative and Regulatory Decision Makers	47
National:	48
1. Testimony before US Congressional Committees and National Commissions.....	48
2. Congressional Staff Briefing Papers	49
3. Staff Briefing Presentations, Congressional, Legislative, and Executive Agencies.....	52
4. USDA Agricultural Outlook Forums	60

International:	61
1. Testimony before International Legislative Groups	61
2. International Organizations, WTO, UNCTAD, etc.	62
State and Regional:	63
1. Legislative and Agency Presentations.....	63
2. Reports to the Governor	65
3. Southern Region Agricultural Outlook Conferences.....	67
Table 4. Presentations.....	68
International:	69
1. Presentations to Farm Groups.....	69
2. Academic Seminars and Professional Groups.....	69
3. Presentations to NGO's and other organizations	74
Domestic:	76
1. Farm Policy/Business Conference Presentations	76
2. Farm Organization Presentations	79
3. Commodity Organization Presentations	83
4. Non-Government Organization (NGO) Presentations.....	84
5. Professional/Industry/Community Group Presentations.....	87
6. Cooperative Extension Service Education Programs.....	93
7. Experiment Station Educational Programs and Technical Training.....	96
8. Press Conference	99
9. Community and Service Organization Presentations.....	100
Table 5. General Research Publications and Reports.....	103
1. Bulletins, Reports Pamphlets and Fact Sheets	104
2. Departmental and Agricultural Policy Analysis Center Staff Papers.....	107
3. Policy Pennings - Popular Press, Trade Magazines, and Periodicals.....	110
4. Popular Press, Trade Magazines, and Periodicals.....	155
5. Research Reports to Sponsors.....	157
Table 6. Academic Publications and Presentations	163
1. Referred Articles in Professional Journals	164
2. Published Abstracts and Papers presented at Professional Meetings or Conferences	168
3. Book Chapters.....	181
4. Contributions to Edited Volumes.....	183
5. Academic Seminars and Presentations	185
6. Special Lectures/Honor Presentation	189
COURSES AND GRADUATE COMMITTEES.....	191
Table 7. Faculty and Staff Courses Taught and Guest Lectures, 1991-2014	192
Courses Taught, 1991-2014	193
Guest Lectures, 1991-2014.....	194
Table 8. APAC Graduate Student Advising.....	196
Theses and Dissertations Directed, 1991-2014.....	197

BLASINGAME CHAIR OF EXCELLENCE DOCUMENTS

	Page
Position Announcement (PA).....	2
The Plan for Excellence (PD).....	4



The University of Tennessee

AGRICULTURAL EXPERIMENT STATION

POSITION ANNOUNCEMENT

Blasingame Chair of Excellence in Agricultural Policy

Department of Agricultural Economics and Rural Sociology

Position: Professor

Location: Department of Agricultural Economics and Rural Sociology

Organization: As a Land Grant institution, the University of Tennessee has research, teaching, and public service missions. The Department of Agricultural Economics and Rural Sociology consists of 21 faculty members and numerous support staff who conduct research and teaching programs.

Position

Description:

The Chair of Excellence position is a twelve-month appointment at the rank of professor. The position involves research leadership in one or more of the following areas -- resource policy, commodity policy, rural development policy, and international trade policy. The person selected may initially concentrate on one or more of these areas, expanding to other areas as supporting research funds become available. The chair will be expected to secure grants and/or contracts to supplement the resource support for this program and to work with other faculty members in the department when appropriate.

The objectives of the Agricultural Policy Chair of Excellence at the University of Tennessee are:

1. To identify and conduct research on current issues relating to resource policy, commodity policy, rural development policy, and international trade policy.
2. To develop analytical models appropriate for analysis of existing or proposed programs at the state, federal, or international level to determine potential economic impacts on the system.
3. To present research results in various forms so as to contribute to the formation of governmental policies and programs dealing with agricultural commodities, natural resources, and international trade.
4. To participate in the graduate program of the department by teaching and supervising master and doctoral level students.

Blasingame Chair of Excellence in Agricultural Policy (Continued)

Qualifications: Candidates must be distinguished research scientists and proven teachers with outstanding national reputations. Candidates must hold Ph.D. degree in Agricultural Economics or related field and have a record of scholarly achievement which qualifies the candidate for the rank of Full Professor. Candidates must have demonstrated the ability to conduct research and to convey the results and their implications to decision-makers, industry, and other parties of interest. Candidates must have an interest in teaching and display evidence of strong teaching ability. Candidates must have demonstrated success in directing graduate students and in obtaining and administering external grants in support of research. The individual filling this position will be encouraged to develop working relationships with other faculty members in the Department, Agricultural Extension Service, Institute of Agriculture, and the University. Evidence of teamwork in research and publication will be beneficial to candidates. An extremely important aspect of this position will be the development of an interface between the Chair and state's agribusiness and other farmer oriented organizations. Thus, evidence that the individual is capable of achieving a working relationship with the state agricultural leaders is important. Finally, priority will be placed on a person who has potential to continue developing and enhancing his/her reputation as a teacher and researcher. Salary is commensurate with experience.

Salary: Commensurate with experience

Application Procedures: Candidates need to provide a letter of application and an up-to-date resume along with three letters of reference. Materials should be mailed to:

Dr. Handy Williamson, Dept. Head
302 Morgan Hall, P.O. Box 1071
Department of Agricultural Economics and
Rural Sociology
University of Tennessee
Knoxville, TN 37901-1071

Filing Deadline: September 1, 1990 or until a suitable candidate is found.

THE PLAN FOR EXCELLENCE

by

The ad hoc Committee for Planning the *Policy Chair of Excellence*

Burton C. English -- Chairperson
John Brooker
Chuck Cleland
Roland Roberts
Ron Todd
Larry VanTassell

Department of Agricultural Economics and Rural Sociology
University of Tennessee -- Knoxville

THE PLAN FOR EXCELLENCE

Ideally, the *Policy Chair of Excellence* (PCE) will be established with sufficient resources so that the position will make an impact within the state and the nation. The PCE is defined as a policy position. However, the types of policy affecting agriculture ranges from traditional or commodity policy, to resource policy, to rural development policy, and to international trade policy. We feel that the individual hired in this position should have breadth enough to understand potential research problems in each of these policy areas. Given this understanding and the realization that resources may be limiting, we have defined two organizational structures, estimated the resources required for each structure, developed potential linkages between the department and the position, and finally outlined some considerations that should be reflected in a job announcement.

The person filling this chair needs to have demonstrated that ability to provide analysis in a timely fashion (Table 1). In addition, this individual must have demonstrated that his/her research has provided an impact in the policy arena.

Finally, the individual must be an accomplished teacher and communicator.

The two organizational structures are proposed in this document. They are the **Plan for Excellence**, where resource are invested to create a force in the policy analysis environment currently being structured within the state and nation and to a plan that would provide excellence in analysis of a single aspect of policy which we will term for the lack of a better phrase the **Maintenance Plan**. In the **Plan for Excellence**, the chair, in addition to conducting research and teaching, would be capable of administrating a policy research laboratory. The **Maintenance Plan** would maintain the chair at a level of

Table 1.

Areas of need to be filled by the
Policy Chair of Excellence

1. **Comprehensive policy analysis at both the state and national levels.**
 2. **Timely distribution of likely policy impacts.**
 3. **Journal articles and books in the area of policy formulation and development.**
 4. **Active in the Graduate student program -- teaching one course in Agricultural Policy and Developing a advanced level seminar course in Policy Development.**
-

funding that would allow excellence in research by the individual and a small staff consisting primarily of graduate students.

The Plan for Excellence

Four or more areas of concentration in agricultural policy have been identified as potential areas for making policy impacts. As shown in Figure 1, the PCE would be capable of conducting policy analysis and research in each of these areas with heavy concentration in more than one of the policy arenas. It would be expected that relationships with state and national commodity groups, legislators, and foundations would be forged.

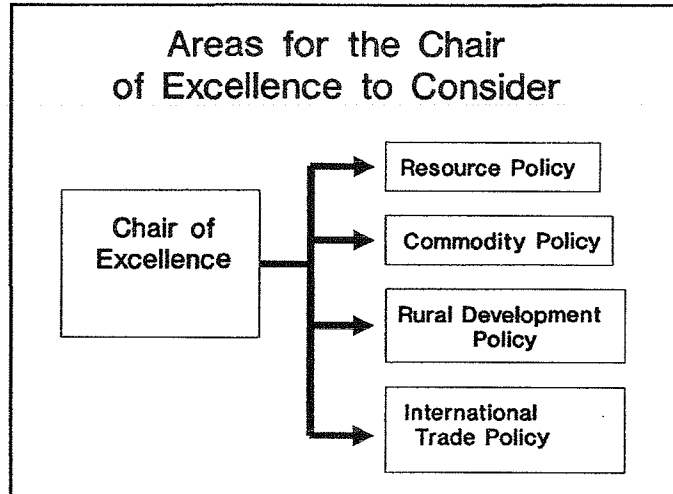


Figure 1

Under this plan, the chair would directly supervise the research of four post doc positions. In addition, several new graduate assistantships would be added to the department. Finally, the policy research laboratory would require, in addition to the professional staffing mentioned above, a programmer, a secretary, and a clerk typist.

The costs of the Plan for Excellence are \$567,000 per year with nearly \$422,500 of that in personnel costs. Other costs include a minimal amount for travel (\$15,000); office supplies and publication expenses are estimated at \$40,000 with annual computer expenditures of \$90,000 (Table 2). Space requirements for this position and his/her staff are estimated to be nearly 1,950 square feet for the chair, his/her secretary, and other staff.

Table 2. Estimated Costs for the *Policy Chair of Excellence*: "Plan for Excellence"

Personnel:		
Chairperson	90,000	
Four Post Docs	140,000	
Programmer	32,000	
Secretary	15,000	
Clerk Typist	10,000	
Graduate Assistantships	51,000	
Fringe (25%)	84,500	
Subtotal		422,500
Other Costs: ^a		
Travel	15,000	
Office Supplies and Pub.	40,000	
Computer Equip. and Expenses	90,000	
Subtotal		145,000
Total		567,500

^a Other Costs do not include the one time costs of computer equipment, and space renovations.

The Maintenance Plan

If resources for the *Plan for Excellence* are not available, expectations on the type of person to fill this position may have to be dampened. In this case, the individual would be expected to initially concentrate in one of the four areas presented in Figure 1. He/she would require computer, programming, and secretarial staffing similar to above. However, one rather than four post doc positions would be required. Several new graduate assistantships would be required. The costs of the Maintenance Plan are projected in Table 3 with slightly lower space requirements estimated at 1,640 square feet.

Table 3. Estimated Costs for the *Policy Chair of Excellence*: "Maintenance Plan"

Personnel:		
Chairperson	90,000	
One Post Doc	30,000	
Programmer	25,000	
Secretary	15,000	
Graduate Assistantships	35,000	
Fringe (25%)	48,750	
Subtotal		243,750
Other Costs: ^a		
Travel	15,000	
Office Supplies and Pub.	15,000	
Computer Equip. and Expenses	20,000	
Subtotal		50,000
Total		293,500

^a Other Costs do not include the one time costs of computer equipment, and space renovations.

Linkages with the Department

There are numerous ways the chair could establish linkages with personnel in the Department of Agricultural Economics and Rural Sociology. We have chosen to address some of the possibilities through three categories: faculty relations, staff additions, and funding.

Faculty relations

It is expected that this position and associated personnel be viewed as a possible resource for the department. The individual hired in this position will be encouraged to work closely with other members of the department. In addition, where possible, this person will provide leadership in the areas of expertise outlined above and work with other faculty members within the Institute of Agriculture and the University of Tennessee.

Programming staff

As mentioned in both plans, an additional programmer will be required if the **Policy Chair of Excellence** is filled. In fact, the feeling of this committee is that Morgan Gray is fully employed

and another programming position just to meet current needs within the department is needed. We suggest that this existing need be filled prior to initiating the interview process. While it is anticipated that both new programming positions will be placed under the supervision of Morgan Gray, it is recognized that the policy position's programming needs would have priority with one of the new programmers.

Funding requirements

The individual hired for this position is expected to successfully seek outside funding. We believe that an appropriate goal for outside funding would be \$2 for every \$1 of hard funding. Secondly, it is felt that because of the potential impact the position will have on the Department's existing and future resources, it would be expected that the department would receive 30% of any overhead charged, the administration would receive 20% as is currently the case, and the chairperson would receive 50%.

Finally, attempts would be made to increase the level of endowment that this position is based on. The current projected level of the endowment is insufficient. Currently, an endowed chair of three million dollars is being filled at Ohio State. In addition, Florida is currently seeking funds for five million dollar endowments. These are two cases where commitments of funds at levels far beyond what has been proposed at University of Tennessee are currently being established. If this chair is to be a chair of excellence, then additional endowment funds will be required in the future.

Some Expected Outputs

While there are numerous outputs that would result from the policy position described in this document, some are expected to occur. As a result of Departmental makeup, the lack of research in the traditional Commodity policy area is glaring. There is no one currently evaluating proposals for the 1990 Farm Bill. Little attention is paid to the contributions agriculture makes to the State of Tennessee. In the report to the Governor provided by the Center for Business, Tennessee agriculture is represented by a single equation. Any trade analysis that is being conducted in the department is done from a marketing point of view. Finally, Economic Development policy issues are virtually untouched. Therefore, it appears that the policy research agenda for the Chair is extremely full.

It is felt that the state needs an independent thinker addressing pertinent issues of today and those likely to occur in the future. The individual is encouraged to deliver his/her findings to the public, state institutions, agricultural interest groups, and to farmers. Finally, this position is seen as an interface between the Department of Agricultural Economics and Rural Sociology and the Extension Service.

Numerous outlets should be made available to the position. It is strongly encouraged that the individual develop an annual Outlook Conference. It is expected that this conference would serve as a forum to discuss and interface with the leaders concerned with Agriculture in this State. In addition, at least initially, it is expected that the conference would include Extension personnel along with other Department members.

CURRICULA VITAE

	Page
Daryll Ray.....	12
Harwood Schaffer.....	16
Chad Hellwinckel.....	18
Lixia He Lambert.....	20
Daniel De La Torre Ugarte.....	22
Kelly Tiller.....	25

Daryll E. Ray

Department of Agricultural Economics
309 Morgan Hall
University of Tennessee
Knoxville, TN 37996-4519
Email: dray@utk.edu

EDUCATIONAL BACKGROUND:

Bachelor of Science, Agricultural Economics, Iowa State University, 1965

Doctor of Philosophy, Agricultural Economics, Iowa State University, 1971

PROFESSIONAL EXPERIENCE:

Professor (with Tenure 07/01/93), Blasingame Chair of Excellence in Agricultural and Resource Economics and Director of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, 1991–present.

Professor, Dept. of Agricultural Economics, Oklahoma State University, 1978–1991.

Associate Professor (with Tenure 09/01/74), Dept. of Agricultural Economics, Oklahoma State University, 1974–1978.

Assistant Professor, Dept. of Agricultural Economics, Oklahoma State University, 1971–1974.

Research Associate, Economics Department, Iowa State University, 1967–1971.

Research Assistant, Economics Department, Iowa State University, 1965–1967.

NOTEWORTHY PROFESSIONAL ACTIVITIES:

- Founder and Director of the Agricultural Policy Analysis Center (APAC) within the Department of Agricultural Economics, University of Tennessee. Its primary charge is to analyze and publish impacts of economic conditions and policies at the national, state, and farm levels.
- Developed the first econometric, equation-based policy simulation model of U.S. agriculture with subsector detail on supply and utilization components for major crop and livestock categories. This model was the foundation for the early econometric policy simulation work done at Iowa State University's Center for Agricultural and Economic Development.
- Developed an elasticity-based policy simulation model, POLYSIM, which was the first comprehensive policy simulation model to be routinely used by the U.S. Department of Agriculture, including the original mainframe version and a complete rewrite of the model for use on microcomputers. The latter model has been expanded and is routinely used by APAC to address agricultural policy, bioenergy, and conservation related issues.
- Developed the first stochastic, multi-commodity agricultural policy simulation model, a technique that was eventually adopted in agricultural policy models of the Congressional Budget Office, the U.S. Department of Agriculture, and the Food and Agricultural Policy Research Institute (FAPRI).
- Testified before the Senate Committee on Agriculture, Nutrition, and Forestry or the House Committee on Agriculture seven times, including prior to every farm bill from the 1996 to date.
- Testified before Presidential commissions dealing with agricultural policy issues, including the commission on agriculture in the 21st century and the commission dealing with payment limitations.
- Awarded the Distinguished Policy Contribution Award by the American Agricultural Economics Association.
- Author of over 1,000 professional articles and papers, reports, bulletins, book chapters, and weekly columns and about 300 invited presentations.

- Invited international presentations include: GrainWorld Conference, Manitoba, Winnipeg; United Nations Food and Agricultural Organization (FAO) 67th public side event session, Rome, Italy; Global Agri-Food Forum, Mexico City; U.S.-China Rural finance Seminar hosted by the Dallas Federal Reserve; along with lectures and meetings with the Chinese Academy of Sciences, the Institute of Geographical Sciences and Natural Resources and the Rural Development Institute at the Chinese Academy of Social Sciences.
- Lecturer for the 2004 John Pesek Colloquium on Sustainable Agriculture, which was created to bring issues in sustainable agriculture to both a university and a community forum.
- Publish a weekly agricultural policy column carried by over 300,000 paid subscribers to national and regional newspapers, magazines, and other outlets. After its initial publication, each column is posted on APAC's website and sent to 1000s of recipients via email distribution and redistributions.

PROFESSIONAL MEMBERSHIPS:

- American Agricultural Economics Association
- Northeastern Agricultural Economics Association
- Southern Agricultural Economics Association
- Western Agricultural Economics Association
- Scientific Council of the Momagri Model
- On Editorial Board for Scientific Council of the Momagri Model Journal Review Assignments
- On Editorial Board, *The University of Tennessee Press*, 2006-2012
- On Editorial Council, *Journal of Agricultural and Applied Economics*, 2004-2007

HONORS:

- 2013 Ray, Daryll E., John Helmuth Award, Organizations for Competitive Markets.
- 2010 Ray, Daryll E., Daryl F. Kraft Lecture, University of Manitoba, Manitoba, Winnipeg, Canada.
- 2010 Ray, Daryll E., National Farmers Union Award for Outstanding Service to American and World Agriculture.
- 2009 Ray, Daryll E., Kansas Farmers Union's Ruth Hirsh Award for outstanding dedication and service to agriculture and America's family farmers and ranchers.
- 2004 Ray, Daryll E., Iowa State University's Floyd André Award for an outstanding contribution to agricultural business or in a position to have a significant influence on Iowa agriculture.
- 2004 Ray, Daryll E., Pesek Scholar: John Pesek Sustainable Agriculture Colloquium
- 2004 Ray, Daryll E., American Corn Growers Association's Carl L. King Award for Distinguished Service
- 2004 Ray, Daryll E., East TN Chapter for the Society for Technical Communications for Award of Excellence for informational materials
- 2003 Ray, Daryll E., American Corn Growers' Association Appreciation Award
- 2003 Ray, Daryll E., President's award from the Nebraska Farmers' Union
- 1983 Ray, Daryll E., Distinguished Policy Contribution Award by the American Agricultural Economics Association

TEACHING:

- Agricultural Policy – Undergraduate and Graduate at OSU and UT
- Econometric Methods – PhD at OSU
- Quantitative Methods – Undergraduate at OSU
- Agriculture 101 – Undergraduate at UT
- Numerous Guest Lectures in Courses at OSU, UT and other Universities
- Major professor or member of dozens of graduate-student thesis and dissertation committees at OSU and UT

GRANTS AND CONTRACTS:

Total APAC grant and contract awards have exceeded \$11 million. Agencies and organizations providing grants and contracts include:

Agriculture and Food Research Initiative (USDA)	Office of the Chief Economist (USDA)
Agriculture Energy Work Group	OnLocation Inc.
Altria	Oxfam America
American Corn Growers Association	Pacific Northwest Lab
Better World Fund	Pew Foundation
Bipartisan Policy Center	Phillip Morris
Burley Stabilization Company	R.J. Reynolds Co.
Cotton, Inc	SARE (USDA)
Economic Research Service (USDA)	Shell Hydrogen
Farmers Education Foundation	South Dakota State University
Food & Water Watch	Sun Grant
Howard G. Buffett Foundation	Tennessee Valley Authority
Iowa State University	U.S. Department of Energy
Knox County	U.S. Department of Transportation
Leopold Center	U.S. Environmental Protection Agency
National Commission on Energy Policy	U.S. Forest Service (USDA)
National Institute of Food and Agriculture (USDA)	University of Arkansas
National Research Initiatives (USDA)	University of Kentucky
Natural Resources Conservation Service (USDA)	University of Virginia
Oak Ridge National Laboratory	UT Foundation
	UT-Battelle
	Virginia Polytechnic Institute and State University

INSTITUTIONAL SERVICE:

Ray, Daryll E. Oklahoma State University Faculty Council (1982-87) and Athletic Council (1987-91)

Ray, Daryll E. Editorial Board of the University of Tennessee Press (2006-12)

Ray, Daryll E. Numerous committee assignments at the university, college and departmental levels at OSU and UT

CONSULTING:

U.S Office of Management and Budget	National Science Foundation
U.S. Department of Agriculture	Solar Energy Research Institute
Abt Associates	Argonne National Laboratory
National Farmers Union	National Farmers Organization
Westview Press	White and Frazier
U.S. Army Corp of Engineers	

COMPUTER SOFTWARE DEVELOPED (instructional or research software, CD ROMs):

Ray, Daryll E., Daniel G. De La Torre Ugarte, Michael R. Dicks, Chad Hellwinckel, and Brad Wilson. POLYSYS Economic Simulation Model. 1992-2013

Ray, Daryll E., Brad Wilson, and Harwood D. Schaffer, Patrick Fox and Jordan Deyton. Data Manager Software. 1999-2013

Ray, Daryll E. POLYSIM Economic Simulation Model, Microcomputer. 1980 - 1991.

PUBLICATIONS AND PRESENTATIONS:

Publications:

Referred Articles in Professional Journals	39
Abstracts From Scientific or Discipline Meetings, Papers from Conference Proceedings	61
U.S. Congress Committee Prints and Other Published Testimony	11
Books, Book Chapters, and Contributions to Edited Volumes	41
Bulletins, Reports, Circulars, Pamphlets, Fact Sheets, Staff Reports, Reports to Sponsors	86
Popular Press, Trade, Magazine or Newsletter Articles.....	36
Weekly Policy Column Articles (<i>Policy Pennings</i>).....	731
Total Publications and Weekly Column Articles	1005

Presentations:

Academic Seminars and Peer/Discipline Meeting Presentations.....	58
Special Lecture/Honor Presentations	3
Staff Presentations: U.S. Congressional, Legislative, Executive Branches	24
State and Regional Legislative and Agency Presentations	10
Press Conferences	6
International Legislative Presentations	5
International Presentations	20
Farm Policy/Business Conference Presentations	47
Farm Organization Presentations	40
Commodity Organization Presentations	21
Professional/Industry/Community Group Presentations.....	42
Non-Government Organization (NGO) Presentations	20
Total Presentations	296

MEDIA INTERVIEWS:

Radio and Television

National and International.....	28
Regional Radio Networks	37
Local Radio Stations/Networks.....	12
Total Radio and Television.....	77

Print and Electronic Media

National and International.....	111
Regional and Local	38
Total Print and Electronic Media	149

Total Media Interviews.....	226
------------------------------------	------------

HARWOOD DAVID SCHAFFER—VITA

Assistant Research Professor, Department of Agricultural Economics
Agricultural Policy Analysis Center
310 Morgan Hall
University of Tennessee, Knoxville, TN 37996-4519
Phone: (865) 974-3666; Email: hdschaffer@utk.edu

EDUCATION

Doctor of Philosophy	University of Tennessee Knoxville, Tennessee Major: Sociology	2010
Master of Science	University of Tennessee Knoxville, Tennessee Major: Agricultural Economics	2006
Master of Divinity	Hartford Seminary Hartford, Connecticut Major: Anthropology and South Asian Studies	1969
Bachelor of Science	Ohio State University Columbus, Ohio Major: Mathematics	1965

PROFESSIONAL EXPERIENCE

Aug 2010 - Present	Research Assistant Professor Agricultural Policy Analysis Center, Department of Agricultural and Resource Economics, University of Tennessee Institute of Agriculture, Knoxville
2000 - July 2010	Research Associate Agricultural Policy Analysis Center, Department of Agricultural and Resource Economics, University of Tennessee Institute of Agriculture, Knoxville
1990 – 1999	Publisher and Editor <u>West Martin Weekly News</u> , Sherburn, MN
1971-1999	Pastor United Church of Christ congregations in rural communities in Kansas, Michigan and Minnesota, 1971-1999
1967 – 1971	Youth Leader and Assistant Pastor South Congregational U.C.C., Middletown, CT, 1967-1971
1967 – 1971	Teacher, Mathematics The Austin School, West Hartford, CT

CERTIFICATIONS AND HONORS

Gamma Delta Sigma, Agriculture honorary society, University of Tennessee, 2003
Ordained to ministry in the United Church of Christ, 1969
Psi Chi, Psychology honorary society, Ohio State University, 1964

AWARDS

Award from the East Tennessee Chapter of the Society for Technical Communications. Award of excellence in the informational materials category for “Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide.” 2004

GRANTS AND CONTRACTS (Selected)

Schaffer, Harwood D. PI. “Policy Pennings, PolPen” Howard G. Buffett Foundation (Awarded \$450,000. August 2013 – July 2016).
Schaffer, Harwood D. PI. “ Data Analysis of Key Environmental Markers for the Hog Industry” Food and Water Watch (Awarded \$16,500. January 2012 – June 2012).

PROFESSIONAL MEMBERSHIPS

Oromo Studies Association
Rural Sociological Society

PROFESSIONAL LEADERSHIP RESPONSIBILITIES

Editor, *Journal of Oromo Studies*, 2012-present
Oromo Human Rights Commission, Secretary, 2007-2009
Associate Editor, *Journal of Oromo Studies*, 2006-2012
Chair, Oromo Studies Association Review Committee, 2006-2007
Member of the Membership Committee, Rural Sociological Society, 2005-2007

PROFESSIONAL PUBLICATIONS AND PRESENTATIONS

Summary of Publications & Presentations:

Publications:

Book Chapters	5
Peer Reviewed Journal Articles:	10
Papers Published in Refereed Conference Proceedings	1
Papers or Extended Abstracts Published in Conference Proceedings	3
Contributions to Edited Volumes	2
Articles Published in Popular Press - Weekly Column	520
Articles Appearing in In-House Organs	8
Peer Reviewed Research Report	1
Research Reports	7
Articles Published in Non-Refereed Journals:	4

Presentations:

Presentations at Seminars and Workshops	11
Papers Presented at Technical and Professional Meetings	25
Service to Public and Private Organizations or Institutions	6
Service to Governmental Agencies at the International Level	2
Presentations to Industry	12

Chad Matthew Hellwinckel



Agricultural Policy Analysis Center
University of Tennessee
310 Morgan Hall, Knoxville, TN

Phone: 865-974-5006

Email: chellwin@utk.edu

<http://economics.ag.utk.edu/hellwinckel.html>

POSITIONS

Agricultural Policy Analysis Center, University of Tennessee, Knoxville, Tennessee
Research Assistant Professor, 2009-present
Research Associate II, 2003-2008
Research Associate, 1996-1999 and 2001-2003

Agricultural Economics Department, University of Tennessee, Knoxville, Tennessee
Graduate Research Associate, 1994-1996

Peace Corps Panama, Palenque, Panama
Volunteer, 2000-2001

EDUCATION

Ph.D., Geography, University of Tennessee, 2008
M.S., Agricultural Economics, University of Tennessee, 1996
B.S., Economics and Urban Studies, Saint Olaf College, 1991
Permaculture Design Consultant Certificate, University of Indiana, 2008.

PRIMARY INTERESTS

- Permaculture
- Local Food Systems
- Urban Agriculture

Dr. Hellwinckel is working to define agricultural policies appropriate to the new reality of declining fossil energy availability. As food costs rise with energy costs, local food systems producing close to population centers could hold a competitive advantage if they are designed appropriately. Permaculture principles give valuable design insight into making local food systems competitive both energetically and economically. Dr. Hellwinckel's philosophy is to take action at the local level in order to evolve strategies that can be communicated and propagated in other communities nationally.

Noteworthy achievements

- Founded the Knoxville Permaculture Guild (July, 2008). This is a network to facilitate the sharing of ideas and work related to sustainable food, housing, energy, and livelihoods at the local level.
- Led the successful campaign to legalize backyard hens within the City of Knoxville. This is a significant policy step at the local level to validate the importance of locally produced food.
- Winner of the Farm Foundation's 30-Year Challenge for the essay, *Peak oil and the necessity of transitioning to regenerative agriculture*. This organization is key in gathering and decimating new and innovative ideas to determine the future to agricultural policy at the national level.
- Invited speaker at TEDx on the importance of building local food systems. TEDx talks are recorded and available on the web to a worldwide audience.

RECENT ARTICLES

- Hellwinckel CM, Phillips JG (2012) Landuse Carbon Implications of a Drawdown of Ethanol Production and an Increase in Well-Managed Pastures, *Carbon Management* 3(1):27-38.
- Langholtz, M., Graham, R., Eaton, L., C. M. Hellwinckel, and D. G. De La Torre Ugarte (2011) Price projections of feedstocks for biofuels and biopower in the U.S. *Energy Policy*, doi:10.1016/j.enpol.2011.11.009.
- Hellwinckel CM, West TO, De La Torre Ugarte DG, Perlack R (2010) Evaluating possible cap and trade legislation on cellulosic feedstock availability. *Global Change Biology Bioenergy* 2:278-287.
- De La Torre Ugarte, D. G., and C. M. Hellwinckel. 2011. *Biofuels and the Transformation of Agriculture: The Case of Climate Change Policy Instruments*. In *The Economics of Alternative Energy Sources and Globalization*, Andrew Schmitz, Norbert Wilson, Charles Moss and David Zilberman (Eds), pp 196-205, Bentham Science Publishers.
- Perlack, R., Stokes, B., Various, C. M. Hellwinckel, and D. G. De La Torre Ugarte. 2011. *U.S. Billion-Ton Update: Biomass Supply for a Bioenergy and Bioproducts Industry*. U.S. Department of Energy. 2011. U.S. Billion-Ton Update: Biomass Supply for a Bioenergy and Bioproducts Industry. R.D. Perlack and B.J. Stokes (Leads), ORNL/TM-2011/224. Oak Ridge National Laboratory, Oak Ridge, TN. 227p.
- De La Torre Ugarte and CM Hellwinckel (2010) *The Problem is the Solution: the Role of Biofuels in the Transition to a Regenerative Agriculture*, Chapter 14 of *Biotechnology in Agriculture and Forestry: Volume 66 Plant Biotechnology for Sustainable Production of Energy and Co-products*. Editors peter N Mascia, Jurgen Scheffran, and Jack M Widholm. Published by Springer, New York.
- Hellwinckel CM (2012) *Evolving Permaculture Solutions – keep it simple*. Sustainable Learning, posted Feb 13, sustainable-learning.org
- Hellwinckel CM, De La Torre Ugarte DG (2011) *Peak oil and the necessity of transitioning to regenerative agriculture*, *Road to Rio+20* 1:46-51.
- De La Torre Ugarte, D. G., and CM Hellwinckel (2011) *The Role of Biofuels in the Transformation of Agriculture*. Presented at the Agricultural Economics Research Institute (LEI), October 11, The Hague, The Netherlands.
- Hellwinckel, CM and DG De La Torre Ugarte (2009) *Peak Oil and the Necessity of Transitioning to Regenerative Agriculture*, Winning Entry of the Farm Foundation's 30-Year Challenge Policy Competition.

Lixia He Lambert

Research Scientist, Department of Agricultural & Resource Economics, University of Tennessee
Institute of Agriculture, 310-D Morgan Hall, Knoxville, TN 37996-4518 USA
Telephone:(865)-974-8726 E-mail: llamber3@utk.edu

Education/Training

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Purdue University, West Lafayette, Indiana	PhD	2004	Agricultural Economics
Huazhong Agricultural University, Wuhan, China	MS	1998	Agricultural Economics and Management
Huazhong Agricultural University, Wuhan, China	Diploma	1990	Fermentation Engineering

Positions and Employment

Research Scientist, Department of Agricultural & Resource Economics, University of Tennessee, Knoxville, Tennessee, U.S.A. (2013-Present)

Post Doctoral Research Associate, Agricultural Policy Analysis Center, Department of Agricultural & Resource Economics, University of Tennessee, Knoxville, Tennessee, U.S.A. (2007-2012)

Post Doctoral Research Associate, Department of Economics/Alberta Ingenuity Centre for Water Research, University of Calgary, Alberta, Canada. (2004-2006)

Graduate Research Assistant, Department of Agricultural Economics, Purdue University, West Lafayette, Indiana, U.S.A. (2000-2004)

Graduate Research Assistant, College of Economics and Commerce, Huazhong Agricultural University, Wuhan, China. (1995-1998)

Assitant Statistician, Statistic Section, Wuhan City Grain Bureau, Wuhan, China. (1992-1995)

Teaching Experience

University of Tennessee, Department of Resource and Agricultural Economics

Instructor: "Optimization Modeling with GAMS and Input-Output Modeling with IMPLAN for Economist" (AREC 593), Summer 2013 (Graduate Level).

University of Calgary, Department of Economics

Instructor: "Agricultural Economics" (ECON 367), Spring 2006 (Undergraduate Level).

Purdue University, Department of Agricultural Economics

Teaching Assistant: "Linear Mathematical Programming" (AGEC 552), Fall 2002 (MS Level).

Teaching Assistant: "Economic Geography of World Food & Resources" (AGEC 250), Spring 2002 (Undergraduate Level).

List of Publications

Peer Reviewed Publications

Lixia He, Burton C. English, Daniel De La Torre Ugarte, and Donald G. Hodges. (2014). Woody Biomass Potential for Energy Feedstock in United States. *Journal of Forest Economics*. DOI information: 10.1016/j.jfe.2014.04.002

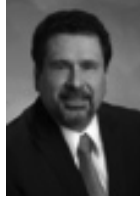
- Lixia He, Theodore Horbulyk, Md. Kamar Ali, Danny LeRoy, and Kurt Klein. (2012). “Proportional Water Sharing vs. Seniority-based Allocation in the Bow River Basin of Southern Alberta”, *Agricultural Water Management*, 104:21-31.
- Lixia He and Theodore M. Horbulyk. (2010). “Market-Based Policy Instruments, Irrigation Water Demand, and Crop Diversification in the Bow River Basin of Southern Alberta”, *Canadian Journal of Agricultural Economics*, 58(2):191-213.
- Daniel G De La Torre Ugarte, Lixia He, Kimberly L. Jensen, and Burton C. English. (2010). “Expanded Ethanol Production: Implications for Agriculture, Water Demand, and Water Quality”, *Biomass and Bioenergy*, 34(11):1586-1596.
- Yanjun Cao, Lixia He, Pengcheng Liu, and Deyi Zhou. (2008). “Influence of Developing Rapeseed Biodiesel on Four Main Crops in China,” *Journal of Huazhong Agricultural University*, 27(3).
- Daniel De La Torre Ugarte and Lixia He. (2007). “Is the Expansion of Biofuels at Odds with the Food Security of Developing Countries?” *Biofuels, Bioproducts & Biorefining*, 1(2):92-102.
- Lixia He, Wallace E. Tyner, Rachid Doukkali, and Gamal Siam. (2007), “Policy Options to Improve Water Allocation Efficiency: Analysis on Egypt and Morocco,” *Water International*, 31:320-335.
- Marius I. Cutlac, Lixia He and Theodore M. Horbulyk. (2006), “Integrated Modeling for River Basin Management: the Influence of Temporal and Spatial Scale in Economic Models of Water Allocation,” *Water Science & Technology*, 53(10):55-63.

Conference Proceedings and Project Reports

- Lixia He, James A. Larson, and Burton C. English. (2012). “Farm Level Energy Feedstock Production Risk Analysis with Different Penalty Measures.” In *Proceeding of the International Conference on Climate Change, Recycling of Agricultural Sources, Technology Improvement and Agriculture Development*, Wuhan, China, January 7-10, 2012.
- James A. Larson, Burton C. English, and Lixia He Lambert (2007), “Economic Analysis of the Conditions for Which Farmers Will Supply Biomass Feedstocks for Energy Production” *Final report for Agricultural Marketing Resource Center Special Projects*.
- Lixia He and Theodore M. Horbulyk. (2007). “Integrated Policy Instruments and Agricultural Water Allocation in the Bow River Basin of Southern Alberta.” *Water: Science and Politics. Proceedings of the Alberta Society of Professional Biologists*, Calgary Alberta, Henry Epp and Dave Ealey, eds.
- Marius I. Cutlac, Lixia He, and Theodore M. Horbulyk. (2005). “Integrated Modeling for River Basin Management: The Influence of Temporal and Spatial Scale in Economic Models of Water Allocation.” *Proceeding of the 10th International Water Association (IWA) Specialist Conference for Watershed and Basin Management*, Calgary, Canada, September 13-15, 2005.
- Lixia He and Dayton M. Lambert. (2004). “Chinese Industrial Energy Demand.” In *Proceedings of the 24th United States Association for Energy Economics (USAEE) – The International Association for Energy Economics (IAEE) North American Conference*, Washington, DC, July 8 – 10, 2004.

Papers in Review

- Lixia He, Burton C. English, and Jamey R. Menard. “Harvesting Woody Biomass as Bioenergy Feedstock and Its Impact on Regional Economy in the Southern U.S.”. in Review.



Daniel G. De La Torre Ugarte

Professor, Department of Agricultural Economics
Associate Director, Agricultural Policy Analysis Center
310 Morgan Hall, 2621 Morgan Circle
The University of Tennessee, Knoxville, TN 37996-4518
Phone:(865)-974-5005; email: danieltu@utk.edu

EDUCATIONAL HISTORY

Institution	Program or Degree	Dates in Program	Degree
Oklahoma State University	Ph.D. Ag Economics	1987 - 1992	Ph.D.
Oklahoma State University	M.S. Ag Economics	1985 - 1987	M.S.
Universidad del Pacifico (Peru)	Economics	1982- 1984	Licentiate
Universidad del Pacifico (Peru)	Economics	1976- 1981	B.S.

WORK EXPERIENCE

1994 - Present	Professor (2008), Associate Professor (2005), Research Associate Professor (2002), Research Assistant Professor, Department of Agricultural Economics, University of Tennessee.
2010 Jun - Dec	Sabbatical Leave as a Economic Affairs Officer. Trade, Environment, Climate Change and Sustainable Development Branch. Division of International Trade on Commodities, United Nations Conference on Trade and Development. Geneva. 2005 -
Present	Member of the Expert panel, Eco-Fair Trade Dialogue, Heinrich Boell Foundation, Misereor, and Wuppertal Institute of Climate and Energy
2006 -Present	Member of the International Secretariat of the Biofuels Initiative, United Nations Conference on Trade and Development.
2006, 2008	Visiting Fellow. Biofuels Initiative, United Nations Conference on Trade and Development.
1999 - 2001	Technical Team member, Ecuador's Agricultural Census and Information Services Project, Texas Agricultural Market Research center, Texas A&M University
1992 - 1994	Post-Doctoral Research Associate, Department of Agricultural Economics, University of Tennessee
1988 - 1990	Chief Financial Officer, Ralston Purina Perú, S.A., Lima, Perú

NOTEWORTHY RESEARCH ACTIVITIES:

- **Member of the International Advisory Expert Group for the United Nations Conference on Trade and Development (UNCTAD) Biofuels Initiative (2005-Present).** This initiative is aimed at countries that seek to build capacity and raise awareness of the potential for alternative sources of energy. As part of the BioFuels Initiative, UNCTAD will prepare country and sectoral assessments for a few initial countries to determine the potential for biofuels to increase their share of domestically produced energy. The initiative also plays a role in raising public and private sector awareness of the challenges and opportunities generated by biofuels use.

- **Trade Resource and Advisor**, to several US and International agricultural producers organizations, and US and International Non-Government Organizations addressing the issues of agricultural trade, food security, World Trade Organization and Free Trade Agreements negotiations. These organizations are based in the US, Canada, Mexico, El Salvador, Peru, Brazil, Belgium, France, Switzerland, Great Britain, Germany, Spain, Senegal, South Korea, Indonesia, India, and the Philippines. In this capacity I have participated in several meetings of the World Trade Organization, FAO, UNCTAD XI, World Bank, and agencies from several governments.
- **Member of the Expert Panel of the International EcoFair Trade Dialogue (2005-Present)**. The EcoFair Trade Dialogue aims to push the debate about WTO and the agricultural trade system further. It aims at establishing a common platform on agricultural trade, based on the principles of sustainable agriculture and food sovereignty, and wants to achieve a coherent reform proposal which responds to the 21st century's social and ecological challenges to global agriculture. The Expert Panel consists of persons with competencies in topics like agriculture, trade, human rights, gender, environment, economics, development, and others. It will meet frequently until the end of 2006. 12 experts from all continents will formulate research questions, develop reform proposals and write policy papers
- **Invited Speaker, Colloquium on the Impacts of Biofuels on Water Use and Water Quality (2007)**. Invited to make presentation to selected group of researchers invited by the National Research Council of the National Academies.
- **Presented Congressional Testimony**. United States Senate Committee on Agriculture, Nutrition, and Forestry (May 9, 2007). Invited to present testimony on hearings focusing on renewable energy and rural development policy recommendations for the farm bill.
- **Invited speaker to Richard G. Lugar - Purdue Summit on Energy Security** (August, 2006). This conference gathered researchers and decision makers from a large variety of background around the issue of Energy.
- **Invited to Stanford University Energy Modeling Forum (2006)**. Invited to participate in the Climate Change Impacts and Integrated Assessment (CCI/IA) Workshop XII . This EMF Workshop continues, in part, our traditional discussions of the state of the art in climate policy analysis that took place during the summer workshops of 1995 through 2005. This meeting is organized by the Energy Modeling Forum (EMF) at Stanford University for a consortium of sponsors including the U.S. Department of Energy, the U.S. National Science Foundation, the U.S. National Oceanographic and Atmospheric Administration, the U.S. Environmental Protection Agency, the National Institute of Environmental Studies of Japan, the Australian Bureau of Agriculture and Resource Economics, Electric Power Research Institute, and Exxon Mobil Corporation.
- **The Contribution of Bioenergy to a New Energy Paradigm (2006)**. This article published in *EuroChoices* was the most downloaded article in the year 2006.
- **Leader of the agricultural economics area of the research team that prepared the first joint USDA/USDOE analysis on the potential of Biofuels in the United States**. As part of the activities of this team I made presentations to the White House Office of Science and Technology, USDA's Chief Economist, DOE's Office of Power Technologies, and the

Senate Agricultural Committee on the economic impacts on the agricultural sector of expanding bioenergy crop production. This work assisted in the launching of the President's Biomass Initiative and provided support for Congressional legislative action on biomass issues. This effort contributed significantly to the development of the current unique capabilities that the Department of Agricultural Economics of the University of Tennessee has in the area of economics analysis of biomass and bioenergy through the Biomass Economic Analysis Group (BEAG).

- **Tennessee Biofuels Initiative and SunGrant Center.** As a faculty member who has been working in the area of the economics of biofuels in the last 12 years, my work and the service provided through my work has supported the establishment of these two initiatives in the University of Tennessee.
- **Keynote Speaker, Conference on Sustainable Criteria for Bioenergy. Bonn, Germany (2006).** International conference organized by the United Nations Foundation and the German NGO Forum on Environment and Development. "As a Keynote Speaker, we look towards you to frame the major issues in this conference and to encourage action-oriented outcomes. We hope that your vision and leadership will foster fresh ideas and open mind in this process which will explore new possibilities to enhance development of bioenergy." (From the letter of invitation).
- **Trade Fellow of the Organization for Competitive Markets (2005-present).** "OCM announced today the appointment of its first OCM Trade Fellow, Dr. Daniel De La Torre Ugarte. The move comes as OCM broadens its antitrust focus to include international trade issues. "We are honored Dr. De La Torre Ugarte accepted the OCM Trade Fellow position," said Keith Mudd, OCM president. "He has been a leader analyzing the international and domestic commodity supply impacts stemming from farm policy changes. "OCM has been concerned international trade policy has been driven by ideology, not realism," continued Mudd. "Past farm bill debates have been fundamentally affected by fantasy export, price and supply predictions. Dr. De La Torre Ugarte will help us bring objectivity and realism to future farm bill and trade agreement debates." (from press release).
- **Keynote Speaker. Dakar Agricole Forum (2005).** The Dakar Agricole Forum was organized by the Governments of France, Brazil, and several West African countries to carry on high level discussion on the impacts of trade negotiations in agriculture. I had the opportunity to be a keynote speaker and share the main tables with the Presidents of Senegal, Mali, Niger, Nigeria, and France.
- **Modeling research work.** Advanced APAC's regional and environmental policy analysis capabilities by (i) disaggregating the supply side of the POLYSYS model into 305 Agricultural Statistical Districts, and (ii) linking POLYSYS with natural resource data and physical process models to estimate environmental impacts. I worked on the development of the first stochastic multi-regional agricultural sector model for policy analysis. I integrated into APAC's POLYSYS system the modeling of bioenergy-dedicated crops and the use of cropland for forestry use. Currently, the POLYSYS modeling framework is in use by USDA, Economic Research Service, USDA, Forest Products Laboratory (Wisconsin), ORNL, and the Energy Information Administration of the Department of Energy.

Kelly J. Tiller, Ph.D.



President & CEO
Genera Energy LLC
2450 E.J. Chapman Drive
Knoxville, TN 37996
(865) 974-8258 – office
(865) 809-5805 – mobile
ktiller@generaenergy.net

Director of External Operations
Office of Bioenergy Programs
University of Tennessee
2506 Jacob Drive
Knoxville, TN 37996-4570
(865) 946-1130 – phone
ktiller@tennessee.edu

Education and Training:

- Ph.D. Agricultural Economics, University of Tennessee, Knoxville, 1996
- M.S. Agricultural Economics, University of Tennessee, Knoxville, 1993
- B.A. Economics, University of Tennessee, Chattanooga (Magna Cum Laude), 1991

Professional Experience:

- 2008 – Present President & CEO, Genera Energy LLC, Knoxville, TN
Biomass and bioenergy LLC, subsidiary of UT Research Foundation
- 2007 – Present Director, External Operations
Office of Bioenergy Programs, University of Tennessee, Knoxville
- 2007 – Present Director, Center for Tobacco Grower Research
Department of Agricultural & Resource Economics, Univ. of Tennessee, Knoxville
- 1997 – Present Associate Professor with Tenure, Assistant Professor, Research Assistant Professor,
Post-doctoral Research Associate
Department of Agricultural & Resource Economics, Univ. of Tennessee, Knoxville
- 1995 – 1996 Research Fellow, Waste Management Research and Education Institute
University of Tennessee, Knoxville

Synergistic Activities.

- Coordinating and leading the Tennessee Biofuels Initiative, an integrated RD&D program to implement a cellulosic biofuels industry in Tennessee, with State and private funding exceeding \$110 million.
 - Lead negotiator for deal with DuPont Danisco Cellulosic Ethanol, LLC, exceeding \$80 million.
 - Project manager for \$12 million Switchgrass Farm Production Program.
 - Administrative and financial responsibility for \$50+ million biorefinery construction project; demonstration scale cellulosic ethanol biorefinery completed on-time (commenced operations December 2009) and within budget.
 - Lead negotiations to develop additional strategic partnerships.

- Developing \$10 million Biomass Innovation Park for commercial scale demonstration/ optimization of biomass feedstock supply chain.
- Organized and formed Tennessee Biomass Supply Cooperative, a producer-owned valued added processing cooperative to supply biomass feedstocks for commercial energy markets.
- Called on seven times to provide expert testimony before State and National legislative bodies and a Presidential Commission; provided more than 50 congressional, agency staff, and policy staff briefings and more than 200 invited professional and industry presentations, including a number of international venues.
- Developer, designer, and director of the BioWeb project, a \$0.5 million national Sun Grant funded effort to develop an online repository of bioenergy and bioproducts information; www.bioweb.sungrant.org.
- Recent awards include the *Program of Distinction Award* by the Agricultural & Applied Economics Association, the University of Tennessee's *Research Impact Award*, Knoxville Business Journal's *Top 40 Under 40 Award* for early exceptional leadership in business and community and recognition in the ag industry's *Top Producer Magazine* as one of *2009's Top 25* influencers of agriculture's future, noting that, "If cellulosic ethanol becomes a reality, one reason will be because of Kelly Tiller and her coworkers' research figuring out the economics beyond the test tube stage."
- Founder and director of the Center for Tobacco Grower Research, a national survey research center of excellence; extensive research and educational activities contributing to the development and implementation of the \$10.1 billion federal tobacco buyout in 2004.

Community Involvement & Service Activities.

- Regional Resource Stewardship Council, Tennessee Valley Authority
- East Tennessee Clean Fuels Coalition, Board of Directors
- East Tennessee Quality Growth, Board of Directors
- Frequent speaker and educator on clean energy issues, policy, and technology at civic and other local and regional public interest meetings

Grant and Contract Awards

1991-2014

	Page
APAC All Grant and Contract Awards	28
Table 1: Grant and Contract Awards by Broad Categories.....	33
Bioenergy Related Grant and Contract Awards	34
Climate Change and Carbon Sequestration Grant and Awards.....	36
General Macro Agricultural Policy Analysis Grant and Contract Awards.....	37
Farm Level Analysis Grant and Contract Awards	38
Tobacco Policy Grant and Contract Awards	39
Cotton Policy Grant and Contract Awards.....	40
Other Grant and Contract Awards	41
Table 2: Grant and Contract Award Funding Agencies	42
APAC Expenditures by Source	43

APAC All Grants and Contract Awards 1991 - 2014			
Project Title	Source	Funds*	Duration
Government cost tradeoffs of alternative land-retirement program combinations	USDA, ERS	\$88,500	9/91-9/94
Deriving macro impacts of sustainable agriculture from ACE-supported, farm & regional-level research	USDA, ERS	\$99,981	6/92-9/95
Estimation of the rate of development & adoption of technology for the third RCA appraisal	USDA, NRCS	\$35,300	7/92-12/97
Sustainable agriculture in the southeast: farm system & regional socioeconomic impacts under alternative production practices	USDA, ERS	\$55,100	10/92-9/93
Long-term farm survivability & income effects of agriculture policies designed to protect soil & water resources	USDA, NRCS	\$149,916	4/93-9/95
Conservation efforts & their impacts on rural regions	USDA, NRCS	\$30,000	5/93-9/93
National Farmers Union, Farmers Education Foundations (<i>DTU-CV- Analysis of a marketing loan program</i>)	NFU	\$40,000	6/1/95 - 12/31/97
Analysis of national & international commodity market development- ERS Cooperative Agreement 433AEK-5-80100, POLYSYS	USDA, ERS	\$230,000	9/21/95 - 12/31/99
Int'l Agriculture Modeling (Darina Batkova)	USDA	\$31,500	9/21/95 - 9/20/00
ERS Risk Mgmt. Accounts (Stokes) - Modeling the implications of Gov.-supported Ag. income stabilization accounts	USDA, ERS	\$19,526	8/11/97 - 9/30/99
American Corn Growers Assoc-Ray	American Corn Growers	\$25,000	4/1/01 - 3/31/04
National Farmers Union Farm Bill Analysis	National Farmers Union	\$100,000	5/1/01 - 4/30/04
USDA-POLYSYS Licensing	USDA	\$40,000.00	7/1/01 - 6/30/04
American Corn Growers Assoc-Ray (<i>Tiller CV - Family Farmers, Developing Countries, and Low World Commodity Prices: A Search for Answers</i>)	American Corn Growers	\$20,000	8/1/02 - 06/30/03
Integration of Commodity and Environmental Agricultural Policy. Publication and Distribution of the APAC Report, "Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide"	Oxfam - America	\$20,000	11/01/05 – 12/31/06
National Farmers Union Corn Reserve	National Farmers Union	\$30,000	5/4/06 - 12/31/09
NFU Counter-Cyclical Farm Prgm/Anlys	National Farmers Union	\$25,000	5/1/07 - 12/31/10
NCSA Grain Reserve Analyze-Ugarte	National Campaign for	\$5,000	2/15/09 - 5/15/10
Energy production from agriculture	USDA, NRCS	\$20,000	6/92-9/92
Impact of Biomass Crops on U.S. Agriculture - (DTU-Listed: Evaluating Biomass Production Potential in the U.S.- ERS Cooperative Agreement 433AEK-5-80100, Biomass	USDA, ERS	\$85,000	6/6/97 - 12/31/99
TVA Contract, Assessing Biodiesel Potential in the Southeast (<i>DTU-CV- Potential Supply of Biodiesel in the Southeast</i>)	TVA	\$34,384	3/15/98 - 5/31/99

Project Title	Source	Funds*	Duration
Lockheed Martin 11X-SZ995V RAY	ORNL	\$30,450	7/1/98 - 9/30/98
Economic Impacts of biomass production in cropland enrolled in CRP	ORNL	\$47,448	4/1/99 - 6/30/99
Biomass Cornstalks Project	ORNL	\$56,097	10/1/99 - 9/31/01
ORNL-Cornstalks/Ethanol II (w/Burt)	ORNL	\$25,000	10/25/00 - 10/24/01
Economic Impacts of Ethanol Demand Scenarios-ORNL Biomass Ethanol	ORNL	\$88,021	7/1/01 - 6/30/02
Graphical User Interface for POLYSYS-Biomass	UT-Battelle	\$17,458	05/01/01 –6/30/2002
Integrating Crop Residues into a Stochastic POLYSYS	UT-Battelle ESD	\$39,150	09/01/03-9/1/2004
Using biomass version of POLYSYS model for TNA-POLYSYS scenarios	Forest Service, US FPL	\$22,330	07/01/03 –12/31/2003
Economic Impacts from Increased Competing Demands for Agricultural Feedstocks to Produce Bioenergy and Bioproducts	NRI, USDA CSREES	\$136,000	10/01/2003 -9/30/2006
Analysis of Biomass Impact Scenarios	Sun Grant / TAES	\$125,000	01/15/2004-06/30/2004
Forest Service - POLYSYS Modeling	USDA	\$22,300	8/6/03 - 12/31/04
ORNL-POLYSYS Modeling	UT-B	\$39,150	9/04/03 - 09/11/04
NRI English Part 1 of 2 - DOE Portion - APAC only	DOE	\$18,061	1/1/03 - 9/30/04
Agriculture and Bioenergy/Bioproducts Study	Better World Fund	\$30,000	9/17/03 - 12/31/04
Biomass Cong. Approp.			
University of Tennessee Switchgrass Project	DOE/ Biomass Program	\$729,178	4/1/04- 9/30/09
DOE DEFG3605GO85014	DOE	\$224,000	7/1/05 - 9/30/08
An Economic Analysis of Agricultural Scenarios to Provide 25 Percent of America's Energy Needs with Renewable Energy by the Year 2025	Ag Energy Work Group	\$172,730	11/01/05-2/28/2008
Biomass Issues Research Series	Sun Grant / TAES	\$264,000	9/1/05 - 8/31/07
Potential for Expansion of Ethanol and Biodiesel Industries	National Commission on Energy Policy	\$55,000	07/01/06 – 06/30/07
	On-Location Inc., Energy Information Agency		08/15/06 – 02/28/07
Update Biomass Supply Functions		\$43,000	Final report dates: 02/9/07 - 9/12/06
Economic and Environmental Impacts on Our Nation's Working Lands as a Results of Renewable Energy Production	USDA/ Natural Resources Conservation Service (NRCS)	\$42,000	9/12/06 – 4/30/07
ISU Economic Analysis - Switchgrass	Iowa State University	\$9,000	7/1/07 - 6/30/10
Estimating Biomass Supply in Selected Metropolitan Areas	Shell Hydrogen	\$58,000	5/1/07 - 6/15/07
Sun Grant BioWeb	Sun Grant / TAES	\$25,000	10/1/07 - 9/30/08
Cellulosic to Biofuels Market Development: Producers' Feedstock Production and Consumers' Willingness to Pay for Cellulosic Ethanol.	USDA, CREES	\$259,288	1/1/08 – 12/31/09
OnLocation Biomass Mass Meta Functions			
CV- Listing: The Development of Biomass Supply Meta Functions	OnLocation, Incorporated	\$50,000	6/12/08 - 1/11/09
Sun Grant BioWeb: Maintenance and Expansion	Sun Grant / TAES	\$65,000	10/1/08 - 09/30/09
The University of Tennessee POLYSYS Forestry Module Phase I: Statement of Work	Department of Energy - ORNL and Sun Grant	\$150,000	9/1/08 - 5/30/09
Development of a Biomass Bio-Refinery Location Model	Sun Grant	\$125,000	9/17/08 - 5/30/09

Project Title	Source	Funds*	Duration
Assessing Water Use and Water Quality Change with Respect to Large-Scale Expansion of Ethanol Feed Stock Production in the United States	USDA, Cooperative State Research, Education & Extension	\$275,490	1/1/09 - 09/30/11
BPC - Renewable Electricity Standard-Ugarte	Bipartisan Policy Center	\$65,000	2/15/09 - 6/15/09
Sun Grant	Sun Grant	\$78,009	5/1/09 - 4/30/10
Economic Benefits to the Agricultural Community of Renewable Energy Production	National Commission on Energy Policy	\$100,000	11/1/08 - 9/30/09
Targeting Regional Comparative Advantage to Support the Efficient and Sustainable Development of Cellulosic Energy Markets	USDA/CSREES/AFRI	\$324,636	1/1/10 - 12/31/11
Agricultural Sector Analysis in Support of the 2012 Farm Bill & Renewable Energy Policy Analysis. USDA Office of New Uses.	USDA Office of Energy Policy and New Uses. US	\$41,667	9/30/12 - 9/29/13
POLYSYS Support and Modification for ORNL: Linking Newly Available Satellite	UT-Battelle	\$271,375	6/19/09-9/30/13
OnLocation POLYSYS into NEMS-Ugarte	OnLocation, Incorporated	\$45,000	10/26/09 - 6/30/10
Southeast Partnership for Integrated Biomass Supply System #5133	USDA	\$413,146	8/1/11 - 7 /31/14
Agricultural Sector Analysis in Support of the 2012 Farm Bill & Renewable Energy POLYSYS Analysis	USDA	\$100,000	9/30/11 - 9/20/14
DOE Contract DE-E10000564, Task Order 1767 Integration of POLYSYS into National Energy Modeling	Science Applications International	\$40,000	1/25/12 - 7/31/12
DOT Internal DTOOS5907*Hellwinckel	Sun Grant Center	\$78,009	5/1/09 - 10/31/10
EPA Reserve Program Land - Hellwinckel	US Environmental Protection Agency	\$18,928	6/1/13 - 6/30/14
Support of Resource Assessment Framework for Dependable Feedstock Supply to produce Advance Bio-Fuels in Hawaii & Western U.S.	USDA	\$50,000	9/20/13 - 9/19/14
POYSYS- Updates and Maintenance	DOE, Oak Ridge National Lab	\$80,000	6/1/12 - 5/30/13
DOT-Internal-YU (Center for Renewable Carbon)	DOT-Internal-YU (Center for Renewable Carbon)	\$10,094	7/1/13 -/6/30/14
Sustainable agriculture in the southeast: farm system & regional socioeconomic impacts under alternative production practices	USDA, NRCS	\$134,200	8/93-9/96
Farm Definitions of Policy Analysis (DTU-Defining Farm Types: Policy Research Considerations)	ISU - Leopold Ctr	\$21,950	10/03 – 9/04
Tobacco Excise Taxes Project	R J Reynolds	\$150,000	1/1/94 - 12/31/11
Tennessee Tobacco Communities Project	Univ of Virginia	\$24,400	3/15/98 - 8/31/00
Bioactive Natural Products: A feasible Method of Organic Disease Management in Float Bed Production Systems.	Research and Extension Planning Grant, Southern Region SARE Program	\$19,883	2/1/01 - 12/31/01
Extension of the Tennessee Tobacco Communities Project	Southern Tobacco Communities Project, University of Virginia	\$11,000	10/00 - 02/01

Project Title	Source	Funds*	Duration
IFAFS Biotech Tobacco & Rice (<i>Tiller CV - Participatory Assessment of Social and Economic Impacts of Biotechnology, Initiative for Future Agriculture and Food Systems</i>)	Virginia Tech	\$98,720	09/15/01 - 09/12/06
ERS Coop Agreement for Tobacco Publication	USDA	\$20,000	9/16/03 - 8/31/04
Extension support for Tobacco Policy Research and Education	Philip Morris	\$18,500	7/1/04 - 12/31/04
Extension support for Tobacco Policy Research and Education	Philip Morris	\$15,000	1/1/05 - 06/30/05
Post-Buyout Burley Tobacco Survey: Tennessee, Virginia and North Carolina	Burley Stabilization Com	\$21,500	3/1/06 - 6/30/10
PM Tobacco Grower Survey RC	Philip Morris	\$1,738,148	4/1/07 - 12/31/12
BSC NNC Tobacco Funds Distribution	Burley Stabilization Company	\$196,931	11/1/07 - 10/31/12
Burley CTGR Cooperation 2011-Tiller	Burley Stabilization Company	\$20,000	2/1/11 - 1/31/12
Altria Tobacco Grower Research-Sta	Altria Client Services	\$140,100	6/1/12 - 5/31/13
TERC/NCTF GAP Program	Tobacco Education and Research	\$134,103	10/22/12 - 12/31/13
TVA/EPRI Carbon Sequestration (<i>Tiller CV- Economic Evaluation of CO2 Sequestrations Technologies</i>)	TVA	\$50,000	10/1/00 - 3/31/02
Development of a Framework and Modeling Tool for Spatially-Explicit Full Carbon and Green Gas Accounting at the Regional to National Scale: Estimating Net C-equivalent Flux from U.S. Agriculture - UT Battelle / NASA	UT-Battelle/ ESD NASA	\$340,500	6/1/05 - 2/28/09
SDSU Carbon Resource Assessment	University of South Dakota	\$100,000	9/1/04 - 4/30/07
Development of a Framework and Modeling Tool for Spatially-Explicit Full Carbon and Green Gas Accounting at the Regional to National Scale: Estimating Net C-equivalent Flux from U.S. Agriculture.	UT-Battelle	\$109,707	1/8/09 - 1/7/12
Provide Solutions to Climate Change Through Proposed Goals of 25 x 25	The Energy Foundation	\$236,000	7/1/09 - 12/30/09
Bioenergy Production and Carbon Sequestration	USDA	\$182,620	1/1/10 - 5/31/12
Consumer and Producer Attitudes Toward GHG Reduction Strategies and Beef Production	USDA NIFA 1167023300	\$385,112	3/11 - 2/14
Modeling and Mapping Land Management and Net Carbon Emissions: Decisions Support for Bio Fuels & Carbon Management on U.S. Agricultural Lands.	Pacific Northwest Lab	\$45,043	5/11/11 - 12/31/11
Estimating the Impacts of Farm Policy and Marketing Alternative on Tennessee Cotton Farms	Cotton, Inc.	\$7,000	1/1/01 - 12/31/01
Evaluating the Impacts of Farm Policy Alternative on Southeastern Representative Cotton Farms.	Cotton, Inc.	\$12,000	1/1/02 - 12/31/02
Extension of the Southeastern Representative Cotton Farm Simulations	Cotton, Inc.	\$12,000	1/1/03 - 12/31/03
Cotton Inc. Larson 2004	Cotton, Inc.	\$8,600	1/1/04 - 12/31/04
Extension of the Southeastern Representative Cotton Farm Simulations	Cotton, Inc.	\$13,398	1/1/04 - 12/31/04
Cotton Inc. 2005 - Larson	Cotton, Inc.	\$9,894	1/1/05 - 12/31/05

Project Title	Source	Funds*	Duration
Extension of the Southeastern Representative Cotton Farm Simulations	Cotton, Inc.	\$12,000	1/1/05 - 12/31/06
Extension of the Southeastern Representative Cotton Farm Simulations, Cotton Inc. 02-275 Tiller 2006	Cotton, Inc.	\$12,000	1/1/06-12/31/2006
Cotton Inc. 99-735 La	Cotton, Inc.	\$10,913	1/1-31/2006
Extension of the Southeastern Representative Cotton Farm Simulations	Cotton, Inc.	\$12,000	1/1/07 - 12/31/07
Unrestricted Funds for FQPA Work	Grover Pemberton Ag FD-Ray	\$15,000	4/1/99 - 3/31/02
NRI-Jones Act	USDA	\$100,000	10/1/99 - 3/30/2002
Graduate Program in Bioactive Natural Products	B. Ray Thompson Faculty Development Fund - UTIA	\$10,950	7/01 -6/02
Development of a Marketing Plan for the Bioactive Natural Products Research Center	Office of Research and Information Technology, UT	\$100,000	1/01 - 06/02
UT Review of EERE Biomass Supply Curves	ORNL/Eng. Science and Tech. Div.	\$34,452	09/30/05 - 12/10/05
NCIFAP Concentrated Animal Feeding	NCIFAP	\$57,992	1/1/07 - 12/31/09
USDA CSREES 09556180	USDA	\$9,244	11/1-30/2011
Howard G Buffett Lit Review Africa-Ray	Howard G Buffett Foundation	\$42,927	3/1/10 - 12/31/10
Food & Water Watch Hog Industry-Schaffer	Food and Water Watch	\$16,500	1/3/12 - 6/30/12
UN of ARK Leases/Rnt	University of Arkansas	\$5,142	3/1-31/2013
USDA NIFA Green Ener	USDA	\$9,334	11/1-30/2012
UN of ARK Homefront	University of Arkansas	\$1,537	4/1-30/2013
Howard G Buffett Policy Penning-Schaffer	Howard G Buffett Foundation	\$450,000	3/1/13 - 7/31/06
Knox Cty Local Food Sy Asmnt-Hellw	Knox County Metropolitan Planning	\$20,000	6/1/14 - 11/30/13
Mapping Sustainable Farm Systems: An integrated Focus on Upper-South New Produc	University of KY	\$810	5/1-31/13
TOTAL		\$11,340,332	
* The grant and contract numbers include the full award amounts when an APAC faculty person was a Principal Investigator or a Co-Principal Investigator and only the portion spent by APAC for other grants and contracts in which no APAC faculty person was PI or Co-PI.			

TABLE 1: Grant and Contract Awards by Broad Categories

Research Areas	Total
Bioenergy Related	\$5,098,399
Climate Change and Carbon Sequestration	\$1,448,982
General Macro Agricultural Policy Analysis	\$1,044,823
Farm Level Analysis	\$156,150
Tobacco Policy	\$2,608,285
Cotton Policy	\$109,805
Other	\$873,888
TOTAL GRANT FUNDING	\$11,340,332

* The grant and contract numbers include the full award amounts when an APAC faculty person was a Principal Investigator or a Co-Principal Investigator and only the portion spent by APAC for other grants and contracts in which no APAC faculty person was PI or Co-PI.

Agency Key:

DOE=U.S. Dept. of Energy; ERS=Economic Research Service; NCIFAP=National Commission on Industrial Farm Animal Production; NRCS=Natural Resources Conservation Service; NFU=National Farmers Union; ORNL=Oak Ridge National Laboratory; RJR=R.J. Reynolds Co.; TVA=Tennessee Valley Authority; USDA=U.S. Dept. of Agriculture; UVA=Univ. of Virginia

Bioenergy Related Grant and Contract Awards			
Project Title	Source	Funds*	Duration
Energy production from agriculture	USDA, NRCS	\$20,000	6/92-9/92
Impact of Biomass Crops on U.S. Agriculture - (DTU-Listed: Evaluating Biomass Production Potential in the U.S.- ERS Cooperative Agreement 433AEK-5-80100, Biomass	USDA, ERS	\$85,000	6/6/97 - 12/31/99
TVA Contract, Assessing Biodiesel Potential in the Southeast (<i>DTU-CV- Potential Supply of Biodiesel in the Southeast</i>)	TVA	\$34,384	3/15/98 - 5/31/99
Lockheed Martin 11X-SZ995V RAY	ORNL	\$30,450	7/1/98 - 9/30/98
Economic Impacts of biomass production in cropland enrolled in CRP	ORNL	\$47,448	4/1/99 - 6/30/99
Biomass Cornstalks Project	ORNL	\$56,097	10/1/99 - 9/31/01
ORNL-Cornstalks/Ethanol II (w/Burt)	ORNL	\$25,000	10/25/00 - 10/24/01
Economic Impacts of Ethanol Demand Scenarios-ORNL Biomass Ethanol	ORNL	\$88,021	7/1/01 - 6/30/02
Graphical User Interface for POLYSYS-Biomass		\$17,458	05/01/01 -6/30/2002
Integrating Crop Residues into a Stochastic POLYSYS	UT-Battelle ESD	\$39,150	09/01/03-9/1/2004
Using biomass version of POLYSYS model for TNA-POLYSYS scenarios	Forest Service, US FPL	\$22,330	07/01/03 -12/31/2003
Economic Impacts from Increased Competing Demands for Agricultural Feedstocks to Produce Bioenergy and Bioproducts	NRI, USDA CSREES	\$136,000	10/01/2003 -9/30/2006
Analysis of Biomass Impact Scenarios	Sun Grant / TAES	\$125,000	01/15/2004-06/30/2004
Forest Service - POLYSYS Modeling	USDA	\$22,300	8/6/03 - 12/31/04
ORNL-POLYSYS Modeling	UT-B	\$39,150	9/04/03 - 09/11/04
NRI English Part 1 of 2 - DOE Portion - APAC only	DOE	\$18,061	1/1/03 - 9/30/04
Agriculture and Bioenergy/Bioproducts Study	Better World Fund	\$30,000	9/17/03 - 12/31/04
Biomass Cong. Approp.	DOE/ Biomass		
University of Tennessee Switchgrass Project	Program	\$729,178	4/1/04- 9/30/09
DOE DEFG3605G085014	DOE	\$224,000	7/1/05 - 9/30/08
An Economic Analysis of Agricultural Scenarios to Provide 25 Percent of America's Energy Needs with Renewable Energy by the Year 2025	Ag Energy Work Group	\$172,730	11/01/05-2/28/2008
Biomass Issues Research Series	Sun Grant / TAES	\$264,000	9/1/05 - 8/31/07
Potential for Expansion of Ethanol and Biodiesel Industries	National Commission on Energy Policy	\$55,000	07/01/06 - 06/30/07
	On-Location Inc., Energy Information Agency		08/15/06 - 02/28/07
Update Biomass Supply Functions		\$43,000	Final report dates: 02/9/07 - 9/12/06
Economic and Environmental Impacts on Our Nation's Working Lands as a Results of Renewable Energy Production	USDA/ Natural Resources Conservation Service (NRCS)	\$42,000	9/12/06 - 4/30/07
ISU Economic Analysis - Switchgrass	Iowa State University	\$9,000	7/1/07 - 6/30/10
Estimating Biomass Supply in Selected Metropolitan Areas	Shell Hydrogen	\$58,000	5/1/07 - 6/15/07
Sun Grant BioWeb	Sun Grant / TAES	\$25,000	10/1/07 - 9/30/08

Project Title	Source	Funds*	Duration
Cellulosic to Biofuels Market Development: Producers' Feedstock Production and Consumers' Willingness to Pay for Cellulosic Ethanol.	USDA, CREES	\$259,288	1/1/08 - 12/31/09
OnLocation Biomass Mass Meta Functions CV- Listing: The Development of Biomass Supply Meta Functions	OnLocation, Incorporated	\$50,000	6/12/08 - 1/11/09
Sun Grant BioWeb: Maintenance and Expansion	Sun Grant / TAES	\$65,000	10/1/08 - 09/30/09
The University of Tennessee POLYSYS Forestry Module - Phase I: Statement of Work	Department of Energy - ORNL and Sun Grant	\$150,000	9/1/08 - 5/30/09
Development of a Biomass Bio-Refinery Location Model	Sun Grant	\$125,000	9/17/08 - 5/30/09
Assessing Water Use and Water Quality Change with Respect to Large-Scale Expansion of Ethanol Feed Stock Production in the United States	USDA, Cooperative State Research, Education & Extension	\$275,490	1/1/09 - 09/30/11
BPC - Renewable Electricity Stndrd-Ugarte		\$65,000	2/15/09 - 6/15/09
Sun Grant	Sun Grant	\$78,009	5/1/09 - 4/30/10
Economic Benefits to the Agricultural Community of Renewable Energy Production	National Commission on Energy Policy	\$100,000	11/1/08 - 9/30/09
Targeting Regional Comparative Advantage to Support the Efficient and Sustainable Development of Cellulosic Energy Markets	USDA/CSREES/AFRI	\$324,636	1/1/10 - 12/31/11
Agricultural Sector Analysis in Support of the 2012 Farm Bill & Renewable Energy Policy Analysis. USDA Office of New Uses.	USDA Office of Energy Policy and New Uses. US	\$41,667	9/30/12 - 9/29/13
POLYSYS Support and Modification for ORNL: Linking Newly Available Satellite	UT-Battelle	\$271,375	6/19/09-9/30/13
OnLocation POLYSYS into NEMS-Ugarte	OnLocation, Incorporated	\$45,000	10/26/09 - 6/30/10
Southeast Partnership for Integrated Biomass Supply System #5133	USDA	\$413,146	8/1/11 - 7 /31/14
Agricultural Sector Analysis in Support of the 2012 Farm Bill & Renewable Energy POLYSYS Analysis	USDA	\$100,000	9/30/11 - 9/20/14
DOE Contract DE-E10000564, Task Order 1767 Integration of POLYSYS into National Energy Modeling	Science Applications International	\$40,000	1/25/12 - 7/31/12
DOT Internal DTOOS5907*Hellwinckel	Sun Grant Center	\$78,009	5/1/09 - 10/31/10
EPA Reserve Program Land - Hellwinckel	US Environmental Protection Agency	\$18,928	6/1/13 - 6/30/14
Support of Resource Assessment Framework for Dependable Feedstock Supply to produce Advance Bio-Fuels in Hawaii & Western U.S.	USDA	\$50,000	9/20/13 - 9/19/14
POYSYS- Updates and Maintenance	DOE, Oak Ridge National Lab	\$80,000	6/1/12 - 5/30/13
DOT-Internal-YU (Center for Renewable Carbon)		\$10,094	7/1/13 - /6/30/14
TOTAL		\$5,098,399	
* The grant and contract numbers include the full award amounts when an APAC faculty person was a Principal Investigator or a Co-Principal Investigator and only the portion spent by APAC for other grants and contracts in which no APAC faculty person was PI or Co-PI.			

Climate Change and Carbon Sequestration			
Grant and Contract Awards			
Project Title	Source	Funds*	Duration
TVA/EPRI Carbon Sequestration (<i>Tiller CV-Economic Evaluation of CO2 Sequestrations Technologies</i>)	TVA	\$50,000	10/1/00 - 3/31/02
Development of a Framework and Modeling Tool for Spatially-Explicit Full Carbon and Green Gas Accounting at the Regional to National Scale: Estimating Net C-equivalent Flux from U.S. Agriculture - UT Battelle / NASA	UT-Battelle/ ESD NASA	\$340,500	6/1/05 - 2/28/09
SDSU Carbon Resource Assessment	University of South Dakota	\$100,000	9/1/04 - 4/30/07
Development of a Framework and Modeling Tool for Spatially-Explicit Full Carbon and Green Gas Accounting at the Regional to National Scale: Estimating Net C-equivalent Flux from U.S. Agriculture.	UT-Battelle	\$109,707	1/8/09 - 1/7/12
Provide Solutions to Climate Change Through Proposed Goals of 25 x 25	The Energy Foundation	\$236,000	7/1/09 - 12/30/09
Bioenergy Production and Carbon Sequestration	USDA	\$182,620	1/1/10 - 5/31/12
Consumer and Producer Attitudes Toward GHG Reduction Strategies and Beef Production	USDA NIFA 1167023300	\$385,112	3/11 - 2/14
Modeling and Mapping Land Management and Net Carbon Emissions: Decisions Support for Bio Fuels & Carbon Management on U.S. Agricultural Lands.	Pacific Northwest Lab	\$45,043	5/11/11 - 12/31/11
TOTAL		\$1,448,982	
* The grant and contract numbers include the full award amounts when an APAC faculty person was a Principal Investigator or a Co-Principal Investigator and only the portion spent by APAC for other grants and contracts in which no APAC faculty person was PI or Co-PI.			

General Macro Agricultural Policy Analysis			
Grant and Contract Awards			
Project Title	Source	Funds*	Duration
Government cost tradeoffs of alternative land-retirement program combinations	USDA, ERS	\$88,500	9/91-9/94
Deriving macro impacts of sustainable agriculture from ACE-supported, farm & regional-level research	USDA, ERS	\$99,981	6/92-9/95
Estimation of the rate of development & adoption of technology for the third RCA appraisal	USDA, NRCS	\$35,300	7/92-12/97
Sustainable agriculture in the southeast: farm system & regional socioeconomic impacts under alternative production practices	USDA, ERS	\$55,100	10/92-9/93
Long-term farm survivability & income effects of agriculture policies designed to protect soil & water resources	USDA, NRCS	\$149,916	4/93-9/95
Conservation efforts & their impacts on rural regions	USDA, NRCS	\$30,000	5/93-9/93
National Farmers Union, Farmers Education Foundations (<i>DTU-CV- Analysis of a marketing loan program</i>)	NFU	\$40,000	6/1/95 - 12/31/97
Analysis of national & international commodity market development- ERS Cooperative Agreement 433AEK-5-80100, POLYSYS	USDA, ERS	\$230,000	9/21/95 - 12/31/99
Int'l Agriculture Modeling (Darina Batkova)	USDA	\$31,500	9/21/95 - 9/20/00
ERS Risk Mgmt. Accounts (Stokes) - Modeling the implications of Gov.-supported Ag. income stabilization accounts	ERS	\$19,526	8/11/97 - 9/30/99
American Corn Growers Assoc-Ray	American Corn Growers	\$25,000	4/1/01 - 3/31/04
National Farmers Union Farm Bill Analysis	National Farmers Union	\$100,000	5/1/01 - 4/30/04
USDA-POLYSYS Licensing	USDA	\$40,000.00	7/1/01 - 6/30/04
American Corn Growers Assoc-Ray (<i>Tiller CV - Family Farmers, Developing Countries, and Low World Commodity Prices: A Search for Answers</i>)	American Corn Growers	\$20,000	8/1/02 - 06/30/03
Integration of Commodity and Environmental Agricultural Policy. Publication and Distribution of the APAC Report, "Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide"	Oxfam - America	\$20,000	11/01/05 - 12/31/06
National Farmers Union Corn Reserve	National Farmers Union	\$30,000	5/4/06 - 12/31/09
NFU Counter-Cyclical Farm Prgm/Anlys	National Farmers Union	\$25,000	5/1/07 - 12/31/10
NCSA Grain Reserve Analyze-Ugarte	National Campaign for	\$5,000	2/15/09 - 5/15/10
TOTAL		\$1,044,823	
* The grant and contract numbers include the full award amounts when an APAC faculty person was a Principal Investigator or a Co-Principal Investigator and only the portion spent by APAC for other grants and contracts in which no APAC faculty person was PI or Co-PI.			

Farm Level Analysis			
Grant and Contract Awards			
Project Title	Source	Funds*	Duration
Sustainable agriculture in the southeast: farm system & regional socioeconomic impacts under alternative production practices	USDA, NRCS	\$134,200	8/93-9/96
Farm Definitions of Policy Analysis (DTU-Defining Farm Types: Policy Research Considerations)	ISU - Leopold Ctr	\$21,950	10/03 - 9/04
Total		\$156,150	
* The grant and contract numbers include the full award amounts when an APAC faculty person was a Principal Investigator or a Co-Principal Investigator and only the portion spent by APAC for other grants and contracts in which no APAC faculty person was PI or Co-PI.			

Tobacco Policy			
Grant and Contract Awards			
Project Title	Source	Funds*	Duration
Tobacco Excise Taxes Project	R J Reynolds	\$150,000	1/1/94 - 12/31/11
Tennessee Tobacco Communities Project	Univ of Virginia	\$24,400	3/15/98 - 8/31/00
Bioactive Natural Products: A feasible Method of Organic Disease Management in Float Bed Production Systems.	Research and Extension Planning Grant, Southern	\$19,883	2/1/01 - 12/31/01
Extension of the Tennessee Tobacco Communities Project	Southern Tobacco Communities Project, University of Virginia	\$11,000	10/00 - 02/01
IFAFS Biotech Tobacco & Rice (<i>Tiller CV - Participatory Assessment of Social and Economic Impacts of Biotechnology, Initiative for Future Agriculture and Food Systems</i>)	Virginia Tech	\$98,720	09/15/01 - 09/12/06
ERS Coop Agreement for Tobacco Publication	USDA	\$20,000	9/16/03 - 8/31/04
Extension support for Tobacco Policy Research and Education	Philip Morris	\$18,500	7/1/04 - 12/31/04
Extension support for Tobacco Policy Research and Education	Philip Morris	\$15,000	1/1/05 - 06/30/05
Post-Buyout Burley Tobacco Survey: Tennessee, Virginia and North Carolina	Burley Stabilization Company	\$21,500	3/1/06 - 6/30/10
PM Tobacco Grower Survey RC	Philip Morris	\$1,738,148	4/1/07 - 12/31/12
BSC NNC Tobacco Funds Distribution	Burley Stabilization Company	\$196,931	11/1/07 - 10/31/12
Burley CTGR Cooperation 2011-Tiller	Burley Stabilization Company	\$20,000	2/1/11 - 1/31/12
Altria Tobacco Grower Research-Sta	Altria Client Services	\$140,100	6/1/12 - 5/31/13
TERC/NCTF GAP Program	Tobacco Education and Research	\$134,103	10/22/12 - 12/31/13
TOTAL		\$2,608,285	
* The grant and contract numbers include the full award amounts when an APAC faculty person was a Principal Investigator or a Co-Principal Investigator and only the portion spent by APAC for other grants and contracts in which no APAC faculty person was PI or Co-PI.			

Cotton Policy			
Grant and Contract Awards			
Project Title	Source	Funds*	Duration
Estimating the Impacts of Farm Policy and Marketing Alternative on Tennessee Cotton Farms	Cotton, Inc.	\$7,000	1/1/01 - 12/31/01
Evaluating the Impacts of Farm Policy Alternative on Southeastern Representative Cotton Farms.	Cotton, Inc.	\$12,000	1/1/02 - 12/31/02
Extension of the Southeastern Representative Cotton Farm Simulations	Cotton, Inc.	\$12,000	1/1/03 - 12/31/03
Cotton Inc. Larson 2004	Cotton, Inc.	\$8,600	1/1/04 - 12/31/04
Extension of the Southeastern Representative Cotton Farm Simulations	Cotton, Inc.	\$13,398	1/1/04 - 12/31/04
Cotton Inc. 2005 - Larson	Cotton, Inc.	\$9,894	1/1/05 - 12/31/05
Extension of the Southeastern Representative Cotton Farm Simulations	Cotton, Inc.	\$12,000	1/1/05 - 12/31/06
Extension of the Southeastern Representative Cotton Farm Simulations, Cotton Inc. 02-275 Tiller 2006	Cotton, Inc.	\$12,000	1/1/06-12/31/2006
Cotton Inc. 99-735 La	Cotton, Inc.	\$10,913	1/1-31/2006
Extension of the Southeastern Representative Cotton Farm Simulations	Cotton, Inc.	\$12,000	1/1/07 - 12/31/07
TOTAL		\$109,805	
* The grant and contract numbers include the full award amounts when an APAC faculty person was a Principal Investigator or a Co-Principal Investigator and only the portion spent by APAC for other grants and contracts in which no APAC faculty person was PI or Co-PI.			

Other			
Grant and Contract Awards			
Project Title	Source	Funds*	Duration
Unrestricted Funds for FQPA Work	Grover Pemberton Ag FD-Ray	\$15,000	4/1/99 - 3/31/02
NRI-Jones Act	USDA	\$100,000	10/1/99 - 3/30/2002
Graduate Program in Bioactive Natural Products	B. Ray Thompson Faculty Development Fund - UTIA	\$10,950	7/01 -6/02
Development of a Marketing Plan for the Bioactive Natural Products Research Center	Office of Research and Information Technology, UT	\$100,000	1/01 - 06/02
UT Review of EERE Biomass Supply Curves	ORNL/Eng. Science and Tech. Div.	\$34,452	09/30/05 - 12/10/05
NCIFAP Concentrated Animal Feeding	NCIFAP	\$57,992	1/1/07 - 12/31/09
USDA CSREES 09556180	USDA	\$9,244	11/1-30/2011
Howard G Buffett Lit Review Africa-Ray	Howard G Buffett Foundation	\$42,927	3/1/10 - 12/31/10
Food & Water Watch Hog Industry-Schaffer	Food and Water Watch	\$16,500	1/3/12 - 6/30/12
UN of ARK Leases/Rnt	Univ Arkansas	\$5,142	3/1-31/2013
USDA NIFA Green Ener	USDA	\$9,334	11/1-30/2012
UN of ARK Homefront	Univ Arkansas	\$1,537	4/1-30/2013
Howard G Buffett Policy Penning-Schaffer	Howard G Buffett Foundation	\$450,000	3/1/13 - 7/31/06
Knox Cty Local Food Sy Asmnt-Hellw	Knox County Metropolitan Planning	\$20,000	6/1/14 - 11/30/13
Mapping Sustainable Farm Systems: An integrated Focus on Upper-South New Produc	University of KY	\$810	5/1-31/13
TOTAL		\$873,888	
* The grant and contract numbers include the full award amounts when an APAC faculty person was a Principal Investigator or a Co-Principal Investigator and only the portion spent by APAC for other grants and contracts in which no APAC faculty person was PI or Co-PI.			

Table 2: Funding Agencies and Organizations, 1991-2014

Agriculture and Food Research Initiative (USDA)	Oxfam America
Agriculture Energy Work Group	Pacific Northwest Lab
American Corn Growers Association	Pew Foundation
Better World Fund	R.J. Reynolds Co.
Cotton, Inc	SARE (USDA)
Economic Research Service (USDA)	Shell Hydrogen
Farmers Education Foundation	South Dakota State University
Food & Water Watch	Sun Grant
Howard Buffett Foundation	Tennessee Valley Authority
Iowa State University	U.S. Department of Energy
Knox County	U.S. Department of Transportation
Leopold Center	U.S. Environmental Protection Agency
National Commission on Energy Policy	U.S. Forest Service (USDA)
National Institute of Food and Agriculture (USDA)	University of Arkansas
National Research Initiatives (USDA)	University of Kentucky
Natural Resources Conservation Service (USDA)	University of Virginia
Oak Ridge National Laboratory	UT Foundation
Office of the Chief Economist (USDA)	UT-Battelle
OnLocation Inc.	

APAC Expenditures by Source 2007-2014

UNIVERSITY OF TENNESSEE
INSTITUTE OF AGRICULTURE
AGRICULTURE POLICY & ANALYSIS CENTER

	FYE 6/30/07	FYE 6/30/08	FYE 6/30/09	FYE 6/30/10	FYE 6/30/11	FYE 6/30/12	FYE 6/30/13	FYE 6/30/14	TOTAL	AVERAGE
E11-1216 Blasingame Chair										
Salaries	294,191.10	288,554.31	260,695.21	237,428.79	233,906.38	314,838.22	304,680.23	229,835.21	2,164,129.45	270,516.18
Fringes	87,624.35	92,067.41	86,669.91	74,645.71	91,037.52	96,533.14	91,079.52	73,864.34	693,521.90	86,690.24
Travel	13,275.25	26,453.56	8,833.83	14,640.22	18,796.79	10,494.69	2,653.96	466.78	95,615.08	11,951.89
Other Operating	31,558.01	52,646.32	41,729.87	42,127.89	68,416.68	29,050.97	39,623.66	14,145.14	319,298.54	39,912.32
Total	426,648.71	459,721.60	397,928.82	368,842.61	412,157.37	450,917.02	438,037.37	318,311.47	3,272,564.97	409,070.62
R01-1110-016 Blasingame Chair of Excellence										
Endowment Income	69,510.00	77,822.00	73,924.00	70,526.00	71,843.28	67,487.00	71,111.00	74,000.00	576,223.28	72,027.91
Grants and Contracts										
Salaries	223,862.56	140,551.93	295,032.86	377,018.50	336,463.57	287,844.51	139,789.40	159,288.19	1,959,851.52	244,981.44
Fringes	74,487.72	44,383.35	94,024.46	106,371.66	110,096.38	98,128.73	53,179.31	60,194.84	640,866.45	80,108.31
Travel	4,463.29	10,744.22	18,156.94	17,139.28	9,711.08	17,738.91	9,784.66	8,862.60	96,600.98	12,075.12
Other Operating	5,258.77	113,574.77	123,706.52	98,440.99	37,017.31	53,906.38	72,641.84	58,045.27	562,591.85	70,323.98
Total	308,072.34	309,254.27	530,920.78	598,970.43	493,288.34	457,618.53	275,395.21	286,390.90	3,259,910.80	407,488.85
TOTAL	804,231.05	846,797.87	1,002,773.60	1,038,339.04	977,288.99	976,022.55	784,543.58	678,702.37	7,108,699.05	888,587.38

Publications and Presentations

1991-2014

	Page
Table 3: Publications and Presentations to Legislative and Regulatory Decision Makers	47
National:.....	48
1. Testimony before US Congressional Committees and National Commissions	48
2. Congressional Staff Briefing Papers.....	49
3. Staff Briefing Presentations, Congressional, Legislative, and Executive Agencies	52
4. USDA Agricultural Outlook Forums.....	60
International:.....	61
1. Testimony before International Legislative Groups.....	61
2. International Organizations, WTO, UNCTAD, etc.....	62
State and Regional:.....	63
1. Legislative and Agency Presentations	63
2. Reports to the Governor	65
3. Southern Region Agricultural Outlook Conferences.....	67
Table 4: Presentations	68
International:.....	69
1. Presentations to Farm Groups	69
2. Academic Seminars and Professional Groups	69
3. Presentations to NGO's and other organizations	74
Domestic:.....	76
1. Farm Policy/Business Conference Presentations.....	76
2. Farm Organization Presentations.....	79
3. Commodity Organization Presentations.....	83
4. Non-Government Organization (NGO) Presentations	84
5. Professional/Industry/Community Group Presentations	87
6. Cooperative Extension Service Education Programs	93
7. Experiment Station Educational Programs and Technical Training	96
8. Press Conference.....	99
9. Community and Service Organization Presentations	100
Table 5: General Research Publications and Reports	103
1. Bulletins, Reports Pamphlets and Fact Sheets.....	104
2. Departmental and Agricultural Policy Analysis Center Staff Papers.....	107
3. Policy Pennings - Popular Press, Trade Magazines, and Periodicals	110
4. Popular Press, Trade Magazines, and Periodicals	155

5. Research Reports to Sponsors	157
Table 6: Academic Publications and Presentations	163
1. Referred Articles in Professional Journals.....	164
2. Published Abstracts and Papers presented at Professional Meetings or Conferences.....	168
3. Book Chapters	181
4. Contributions to Edited Volumes.....	183
5. Academic Seminars and Presentations	185
6. Special Lectures/Honor Presentations	189

Table 3. Publications and Presentations to Legislative and Regulatory Decision Makers: National, International, State, 1991-2014

Description	Total
National	
Testimony Before U.S. Congressional Committees and National Commissions	15
Congressional Staff Briefing Presentations	42
Staff Briefing Presentations, Congressional, Legislative and Executive Agencies	106
USDA Agricultural Outlook Forums	4
International	
Testimony before International Legislative Groups	13
International Organizations, WTO, UNCTAD, etc.	21
State and Regional	
Legislative and Agency Presentations	26
Reports to the Governor	23
Southern Region Agricultural Outlook Conferences	6

Table 3: Publications & presentations to Legislative & Regulatory Decision Makers. National, International, State 1991-2014

National:

1. Testimony before US Congressional Committees and National Commissions

- Ray, Daryll E. 2010. "Review of U.S. Agricultural Policy in Advance of the 2012 Farm Bill." Invited testimony presented at the Hearing before the Committee on Agriculture House of Representatives, 1st sess.: Washington, DC, U.S. Government Printing Office, Serial No. 111-48, pp. 218-231, 13 March.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, Burton English, Kim Jensen, Christopher Clark, and Tristram West. 2009. "Analysis of the Implications of Climate Change to the Agricultural Sector: Briefing to the House Agricultural Committee", Washington D.C., 11 November.
- Tiller, Kelly J. 2008. "The Role of Biofuels in Securing America's Clean Energy Independence." Congressional Testimony before the Senate Republican Conference, Forum on More American Energy: Clean Energy Independence, Washington, D.C., 2 June.
- De La Torre Ugarte, Daniel, Burton English, Kim Jensen. 2007. Testimony before the Senate Committee on Agriculture, Nutrition and Forestry: Renewable Energy and Rural Development. Washington, D.C., 9 May.
- Ray, Daryll E. 2005. "Farm Policy Impacts on Agriculture." Invited testimony presented at the Hearing before the Subcommittee on General Farm Commodities of the Committee on Agriculture, House of Representatives, 1st sess., Washington, D.C., U.S. Government Printing Office, Serial No. 109-17, pp. 27, 102-119, 29 September.
- Ray, Daryll E. 2003. "Payment Limitations." Invited Testimony at the Commission on the Application of Payment Limitations For Agriculture, USDA Jefferson Auditorium, Washington D.C., 17 June.
- Ray, Daryll E. 2001. "The Role of Farm Income Support Programs in the U.S. Agricultural System." Invited testimony presented at the Hearing before the Subcommittee on General Farm Commodities of the Committee on Agriculture, House of Representatives, 1st sess., Washington, D.C., U.S. Government Printing Office, Serial No. 104-10, pp. 4-6, 96-113, 29 March.
- Ray, Daryll E. 2001. "Crop Agriculture Faces Long-term Price and Income Problems." Invited testimony presented at the Hearing before the Committee on Agriculture, House of Representatives, 1st sess., Washington, DC, U.S. Government Printing Office, Serial No. 107-1, pp. 6-12, 50-69, 14 February.
- Tiller, Kelly J. 2000. "Tennessee Tobacco Concerns and Issues." Testimony presented to the President's Commission on Improving Economic Opportunity in Communities Dependent on Tobacco Production While Protecting Public Health, Louisville, KY, November.
- Ray, Daryll E. 2000. "1996 Farm Bill: A Price Response Experiment." Invited testimony presented at the Hearing before the Committee on Agriculture, Nutrition, and Forestry, United State Senate, Washington, D.C., 2 February.

- Ray, Daryll E. 2000. "Transition Surprises and What Caused Them." Invited testimony presented at the A Forum before the Commission on 21st Century Production Agriculture, Washington, D.C., 27 January.
- Ray, Daryll E. 1999. "Why Grain Markets Don't Self-Correct Under Current Policies." Invited testimony presented at the Hearing before the Committee on Agriculture, Nutrition, and Forestry, United State Senate, 1st sess., Farm Income Crisis, Washington, D.C., U.S. Government Printing Office, S. HRG. 106-459, pp. 110-126, 172-174, 4 August.
- De La Torre Ugarte, Daniel. 1998. "The Economic Impacts of Biomass Production on the U.S. Agriculture Sector." Presented to the U.S. Senate Committee on Agriculture and Forestry, Washington, D.C., 31 July.
- Ray, Daryll E. 1998. "1996 Farm Bill: Questionable Premises Leading to Unrealistic Expectations?" Invited testimony presented at the Hearing before the Committee on Agriculture, Nutrition, and Forestry, United State Senate, Washington, D.C., U.S. Government Printing Office, S. HRG, 29 July.
- Ray, Daryll E. 1995. "The Role of Farm Income Support Programs in the U.S. Agricultural System." Invited testimony presented at the Hearing before the Subcommittee on General Farm Commodities of the Committee on Agriculture, House of Representatives, Washington, D.C., 29 March.

2. Congressional Staff Briefing Papers

- Tiller, Kelly J., William M. Snell and A. Blake Brown. 2004. "Summary of Tobacco Quota Buyout Provisions." Congressional staff briefing paper, 2 November.
- Tiller, Kelly J., William M. Snell and A. Blake Brown. 2004. "Tobacco Quota Buyout Questions and Answers: Fair and Equitable Tobacco Reform Act of 2004." Congressional staff briefing paper, 12 October.
- Tiller, Kelly J., Burton C. English and R. Jamey Menard. 2004. "Economic Impacts of the Tobacco Quota Buyout." Congressional staff briefing paper, 8 October.
- Tiller, Kelly J. 2004. "Tobacco Quota Buyout Payments by Kind." Congressional staff briefing paper, 7 October.
- Tiller, Kelly J. 2004. "Tobacco Quota Buyout Payments by State." Congressional staff briefing paper, 7 October.
- Tiller, Kelly J. 2004. "Effects of Alternative Tobacco Buyout Scenarios on Farm Profitability and Solvency." Congressional staff briefing paper, 4 October.
- Tiller, Kelly J. 2004. "Tobacco Buyout Millionaires: Response." Congressional staff briefing paper, 13 September.
- Tiller, Kelly J. and William M. Snell. 2004. "Registration and Production Program Examples." Congressional staff briefing paper, 3 September.
- Tiller, Kelly J. and William M. Snell. 2004. "Tobacco Market Transition Act of 2004 (Senate Buyout): Questions and Answers." Congressional staff briefing paper, 4 August.
- Tiller, Kelly J. 2004. "Side-by-Side Comparison of House and Senate Tobacco Quota Buyout Bills." Congressional staff briefing paper, 22 July 22.

- Tiller, Kelly J. 2004. "Considerations for Estimating the Number of Tobacco Farms in Tennessee." Congressional staff briefing paper, 21 July.
- Tiller, Kelly J. 2004. "Grower Transition Payment Allocation Alternatives." Congressional staff briefing paper, 12 July.
- Tiller, Kelly J. 2004. "Tobacco Farms by District." Congressional staff briefing database, 25 June.
- Tiller, Kelly J. and William M. Snell. 2004. "Fair and Equitable Tobacco Reform Act of 2004: Questions and Answers." Congressional staff briefing paper, 24 June.
- Tiller, Kelly J. 2004. "WTO Considerations for H.R.4520." Congressional staff briefing paper, 23 June.
- Tiller, Kelly J. 2004. "Factsheet: Tobacco Tax Receipts." Congressional staff briefing paper, 14 June.
- Tiller, Kelly J. 2004. "Tobacco Quota Buyout: Consideration Regarding Quota Owner and Grower Eligibility." Congressional staff briefing paper, 14 June.
- Tiller, Kelly J. and William M. Snell. 2004. "Potential Consequences of a Free Market for Leaf Tobacco: Policy Alternatives to Address These Concerns." Congressional staff briefing paper, 9 June.
- Tiller, Kelly J. 2004. "Comments on Tobacco Buyout Language in FSC-ETI Bill." Congressional staff briefing paper, 7 June.
- Tiller, Kelly J. 2004. "Tobacco Production and Tobacco Buyout Legislation are Jobs Issues Affecting Many Sectors of the Economy." Congressional staff briefing paper, 18 May.
- Tiller, Kelly J. 2004. "Tobacco Production and Tobacco Buyout Legislation is a Jobs Issue Affecting Many Sectors of North Carolina's Economy." Congressional staff briefing paper, 18 May.
- Tiller, Kelly J. 2004. "Tobacco Production and Tobacco Buyout Legislation is a Jobs Issue Affecting Many Sectors of Kentucky's Economy." Congressional staff briefing paper, 18 May.
- Tiller, Kelly J. 2004. "Tobacco Production and Tobacco Buyout Legislation is a Jobs Issue Affecting Many Sectors of Tennessee's Economy." Congressional staff briefing paper, 18 May.
- Tiller, Kelly J. 2004. "Tobacco Production and Tobacco Buyout Legislation is a Jobs Issue Affecting Many Sectors of Virginia's Economy." Congressional staff briefing paper, 18 May.
- Tiller, Kelly J. 2004. "Tobacco Production and Tobacco Buyout Legislation is a Jobs Issue Affecting Many Sectors of South Carolina's Economy." Congressional staff briefing paper, 18 May.
- Tiller, Kelly J. 2004. "Tobacco Production and Tobacco Buyout Legislation is a Jobs Issue Affecting Many Sectors of Georgia's Economy." Congressional staff briefing paper, 18 May.

- Tiller, Kelly J. 2004. "Tobacco Production and Tobacco Buyout Legislation is a Jobs Issue Affecting Many Sectors of Florida's Economy." Congressional staff briefing paper, 18 May.
- Tiller, Kelly J. 2004. "H.R.4033 Summary." Congressional staff briefing paper, 26 March.
- Tiller, Kelly J. 2004. "Grower Payment Language Considerations." Congressional staff briefing paper, 25 March.
- Tiller, Kelly J. 2004. "Comparison of Tobacco Quota Buyout Payments with Other Federal Agricultural Payment Programs." Congressional staff briefing paper, 19 March.
- Tiller, Kelly J. 2004. "Domestic Tobacco Leaf Cost Savings: Understanding Potential Benefits to U.S. Cigarette Manufacturers." Congressional staff briefing paper, 30 January.
- Tiller, Kelly J. 2004. "Tobacco Quota Lease Rates: Understanding Trends and Influencing Factors." Congressional staff briefing paper, 29 January.
- Tiller, Kelly J. 2004. "Phase II Payments: Understanding Payments, Adjustments, and Projections." Congressional staff briefing paper, 29 January.
- Tiller, Kelly J. 2004. "Federal Cigarette Excise Taxes: Understanding Rates, Revenues, and Projections." Congressional staff briefing paper, 28 January.
- Tiller, Kelly J. 2004. "Tobacco Producing Districts." Congressional staff briefing paper, 26 January.
- Tiller, Kelly J. 2004. "The Federal Tobacco Program, Tobacco Marketing Quotas, and Quota Lease Rates: Understanding the Relationship." Congressional staff briefing paper, 25 January.
- Tiller, Kelly J., Burton C. English and R. Jamey Menard. 2003. "Economic Impacts of H.R.3160 and S.1490 by District." Congressional staff briefing paper, 23 October.
- Tiller, Kelly J. 2003. "Per-Acre Farm Spending Benefits Comparison." House Ag Committee briefing paper, 26 September.
- Tiller, Kelly J. 2003. "Comparison of the Tobacco Quota Buyout and the Peanut Quota Buyout." House Ag Committee briefing paper, 26 September.
- Tiller, Kelly J. 2003. "The Tobacco Quota Buyout and Government Agricultural Support: A Perspective." Congressional staff briefing paper, 15 September.
- Tiller, Kelly J. 2003. "Implications of a Tobacco Quota Buyout for Contracting in Tobacco." Congressional staff briefing paper, 3 August.
- Tiller, Kelly J. 2003. "A Tobacco Quota Buyout: WTO Considerations." Congressional staff briefing paper, 14 July.

3. Staff Briefing Presentations, Congressional, Legislative, and Executive Agencies

- De La Torre Ugarte, Daniel. 2012. "Integrating POLYSYS into the National Energy Modeling System." Energy Information Administration, 6 June.
- Ray, Daryll E. 2012. "A Market Directed Inventory System (MDIS)." House Ag Committee Staff Briefing, Washington, D.C., 13 March.
- Hellwinckel, Chad, and Daniel De La Torre Ugarte. 2011. "Projecting GHG emissions from agriculture: Effects of shifting trends in cellulosic feedstock data." EPA-USDA workshop on forestry, agriculture, and climate change, modeling to support policy analysis, Shepherdstown, WV, 26-29 September.
- English, Burton, Daniel De La Torre Ugarte, Chad Hellwinckel, Jamey Menard, Kim Jensen. 2011. "Impacts Policy has on the Economic Feasibility of Dedicated Energy Crops." Biomass: From Grow to Go, Vonore, TN., 25 October.
- Hellwinckel, Chad and Daniel De La Torre Ugarte. 2010. "Modeling Bioenergy feedstock supply under climate legislation with POLYSYS." USDA Bioelectricity and GHG Workshop, Washington, D.C., 15 November.
- West, Tristram, Laurence Eaton, Chad Hellwinckel, Mark Downing, Virginia Dale, Keith Kline. 2009. "Energy Inputs for 1st and 2nd Generation Ethanol Feedstocks: Modeling Effects of Cultivation Practices and Crop Selection on GHG Emissions." Presented at Argonne, Argonne, IL, 20 October.
- Hellwinckel, Chad. 2010. "Lessons from modeling the joint effects of climate and bioenergy policies." Forum of the Center for Bioenergy Sustainability (CBES), Oak Ridge National Laboratory, Oak Ridge, TN, 19 August.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, Burton English, Tristram West, Kim Jensen, Jamey Menard, Chris Clark. 2010. "Analysis of the Implications of Climate and Energy Legislation to the Agricultural Sector." White House Council on Environmental Quality, Briefing, Washington, D.C., 24 June.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, Burton English, Tristram West, Kim Jensen, Jamey Menard, Chris Clark. "Analysis of the Implications of Climate and Energy Legislation to the Agricultural Sector." USDA, Office of Chief Economist, Briefing, Washington, D.C., 23 June.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, Burton English, Tristram West, Kim Jensen, Jamey Menard, Chris Clark. "Analysis of the Implications of Climate and Energy Legislation to the Agricultural Sector." US House of Representatives Staff Briefing, Washington, D.C., 19 January.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, Burton English, Tristram West, Kim Jensen, Jamey Menard, Chris Clark. "Analysis of the Implications of Climate and Energy Legislation to the Agricultural Sector." US Senate Staff Briefing, Washington, D.C., 19 January.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, Burton English, Kim Jensen, Christopher Clark, Tristram West. 2009. "Analysis of the Implications of Climate Change to the

- Agricultural Sector.” Briefing to the USDA Office of The Chief Economist, Washington D.C., 11 November.
- Hellwinckel, Chad, Daniel De La Torre Ugarte, Burton English, Kim Jensen. 2007. “Biofuels in Polysys: Model design, simulation and expansion.” Forestry and Agriculture Greenhouse Gas Modeling Forum, Workshop #4: Modeling Ag-Forest Offsets and Biofuels in U.S. and Canadian Regional and National Mitigation. National Conservation Training Center, Shepherdstown, WV, 5-8 March.
- West, Tris, Chad Hellwinckel, Craig Brandt, Brad Wilson, Richard Nelson, James Larson, G. Marland, and Daniel De La Torre Ugarte. 2007. “Full carbon accounting for carbon management options on US croplands: A framework and tool for decision-making.” U.S. North American Carbon Program (NACP). Investigators Meeting, Mid-Continent Intensive Study, Colorado Springs, January.
- Walsh, Marie, Burton English, Daniel De La Torre Ugarte, Chad Hellwinckel, Jamey Menard, Kim Jensen and Richard Nelson. 2007. “Breaking Our Addiction to Oil – The Development of a Large Biofuels Industry and its Implication for Agriculture.” USDA-OCE Seminar, Washington D.C., 30 April.
- West, Tristram, Craig Brandt, Brad Wilson, Chad Hellwinckel, M. Mueller, D Tyler, Daniel De La Torre Ugarte, James Larson, Richard Nelson, and G. Marland. 2006. “Estimating regional changes in soil carbon with high spatial resolution: Integrating field measurements, inventory data, and remote sensing products.” NASA Joint Workshop on Biodiversity, Terrestrial Ecology, and Related Applied Sciences, Adelphi, MD, 21-25 August.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, James Larson. 2002. “Enhancing Agriculture’s Potential to Sequester Carbon: A Framework to Estimate Incentive Levels for Reduced Tillage.” A presentation at the USDA Symposium of Natural Resource Management to Offset Greenhouse Gas Emissions. Raleigh, NC, 19-21 November.
- English, Burton, Kim Jensen, Jamey Menard, Daniel De La Torre Ugarte. 2009. “New Markets and Opportunities for Agriculture in Colorado, Florida, Kansas, and North Carolina: An Economic Analysis of a Federal Renewable Portfolio Standard.” Congressional Briefing organized by the Bipartisan Policy Center and the National Farmers Union, Washington, D.C., 23 October.
- English, Burton, Daniel De La Torre Ugarte, Chad Hellwinckel, Tristram West, Kim Jensen, Christopher Clark. 2009. “A Preliminary Analysis of the Implications of Climate Change to the Agricultural Sector.” USDA Briefing, Washington D.C., 17 September.
- English, Burton, Daniel De La Torre Ugarte, Chad Hellwinckel, Tristram West, Kim Jensen, Christopher Clark. 2009. “A Preliminary Analysis of the Implications of Climate Change to the Agricultural Sector: Phase 1.” Carbon Project Design Team Workshop, Washington D.C., 16 September.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, Lixia He, Burton English, Jamey Menard, Kim Jensen. 2009. “The POLYSYS Modeling System and its use in the Analysis of Bioenergy Issues.” Office of Biomass Program, Department of Energy, Washington, D.C., 23 July.
- De La Torre Ugarte, Daniel. 2009. “Potential for a Sustainable Feedstock Supply: Agriculture & Forest Resources, Transition to a Bioeconomy: The Role Of Extension.” USDA Office of

Energy Policy and New Uses, Farm Foundation, the University of Arkansas, and USDA Cooperative State Research, Education and Extension Service, Little Rock, AR, 30 June – 1 July.

- English, Burton, and Daniel De La Torre Ugarte. 2009. "DOE Biomass Program review of the UT Switchgrass Project." DOE Feedstock Platform Review, 8 April.
- English, Burton, and Daniel De La Torre Ugarte. 2009. "What BEAG can do for Developing the Biomass Crop Assistance Program's PEIS." USDA, April.
- English, Burton, Kim Jensen, Jamey Menard, Daniel G. De La Torre Ugarte. 2009. "Economic Impacts of a Federal RE: A Progress Report." Energy Foundation, April.
- West, Tristram and Chad Hellwinckel. 2009. "Estimating Cropland Management and Biomass Feedstock Availability: Integrating Satellite Remote Sensing with Socioeconomic Modeling." ASPRS 2009 Special Session – Monitoring, Mapping, and Estimating the Bioenergy Domain, Washington, D.C., 11 March.
- English, Burton, Daniel De La Torre Ugarte, Kim Jensen, Jamey Menard, Don Hodges. 2008. "The Development of a Forest Module for POLYSYS." USFS Forest Products Laboratory, Southern Research Station, and University of Tennessee's Office of Bioenergy Programs, December.
- Tiller, Kelly J. 2008. "The UT Biofuels Initiative." Briefing meeting with Southern Region Director and Staff, USDA Forest Service, Knoxville, TN, 25 November.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: Progress Update." Staff tour and briefing meeting with staff members from Senator Bob Corker's Washington D.C. office, Knoxville, TN, 4 September.
- Tiller, Kelly J. and Martin Keller. 2008. "UT and ORNL Partnerships to Advance Biofuels Technologies." Legislative tour and briefing with Senator Bob Corker, Knoxville, TN, 6 August.
- Tiller, Kelly J, Samuel Jackson, and Timothy Rials. 2008. "The UT Biofuels Initiative and Switchgrass Production Program." Staff tour and briefing, US Department of Energy and Oak Ridge National Laboratory staff, Vonore, TN and Tellico Plains, TN, 27 June.
- Tiller, Kelly J. 2008. "The UT Biofuels Initiative." Agency briefing with Deputy Secretary Andy Karsner, U.S. Department of Energy, Oak Ridge, TN, 4 June.
- West, Tristram, Craig Brandt, B. Perlack, Mark Downing, Daniel De La Torre Ugarte, Chad Hellwinckel, Brad Wilson, James Larson, and Richard Nelson. 2008. "Modeling and mapping land management and net carbon emissions: decision support for biofuels and carbon management on U.S. agricultural lands." NASA Carbon Cycle and Ecosystems Joint Science Workshop, University of Maryland Inn and Conference Center, Adelphi, MD, 28 April – 2 May.
- Tiller, Kelly J. and Timothy Rials. 2008. "UT Biofuels Initiative: Update." Legislative staff briefing with Senator Bob Corker's staff, Washington, D.C., 14 February.
- Tiller, Kelly J. and Timothy Rials. 2008. "UT Biofuels Initiative: Update." Legislative staff briefing with Senator Lamar Alexander's staff, Washington, D.C., 14 February.

- Tiller, Kelly J., Timothy Rials and Martin Keller. 2008. "From Grow to Go ... Building a Bioeconomy from the Ground Up." Invited seminar, U. S. Department of Agriculture, Research, Education and Economics (REE) Seminar Series, Washington, D.C., 14 February.
- Rials, Timothy G. and Kelly Tiller. 2008. "Collaboration Opportunities with the UT Office of Bioenergy Programs." Staff briefing with U.S. Department of Energy EERE administrators, Knoxville, TN, 13 February.
- Tiller, Kelly J. 2007. "The Tennessee Biofuels Initiative." Presentation at the Biofuels Educational Forum with Representatives Zach Wamp, David Davis, and Bob Goodlatte, hosted by the University of Tennessee Institute of Agriculture and Tennessee Farm Bureau, Morristown, TN, 29 August.
- Tiller, Kelly J. 2007. "The Cost and Availability of Energy and the Effect on Small Business." Congressional Testimony before the U.S. House of Representatives, Committee on Small Business, Field Hearing, Johnson City, TN, 31 August.
- Tiller, Kelly J. 2007. "Meeting the Workforce Demands of Small Bioenergy Businesses." Congressional Testimony before the U.S. House of Representatives, Committee on Small Business, Subcommittee on Contracting and Technology, Washington, D.C., 20 June.
- De La Torre Ugarte, Daniel, Burton English, and Kim Jensen. 2007. "Estimated Agricultural Impacts of Expanding Biofuel Production: Policy Implications for Water Demand and Water Quality." The National Academies NRC Colloquium on the Water Implications of Biofuels Production in the United States Washington, D.C., 12 July.
- Tiller, Kelly J. and Timothy Rials. 2007. "Bioenergy Programs at the University of Tennessee." Briefing meeting with Congressman Lincoln Davis and staff member, Washington, D.C., 15 May..
- Tiller, Kelly J. and Timothy Rials. 2007. "Sun Grant Initiative: BioWeb and Feedstock Programs." Multi-agency Briefing Presentation, Inter-Agency Woody Biomass Utilization Group (Woody-BUG), Washington, D.C., 15 May.
- Tiller, Kelly J. and Timothy Rials. 2007. "Sun Grant Initiative: BioWeb, Feedstock, and Research Programs." Agency briefing meeting, U.S. Forest Service, Washington, D.C., 15 May.
- Tiller, Kelly J. and Timothy Rials. 2007. "Bioenergy Programs at the University of Tennessee." Briefing meeting with Senator Lamar Alexander and staff members, Washington, D.C., 15 May.
- Tiller, Kelly J. and Timothy Rials. 2007. "Bioenergy Programs at the University of Tennessee." Briefing meeting with Senator Bob Corker and staff members, Washington, D.C., 15 May.
- Tiller, Kelly J. and Timothy Rials. 2007. "Bioenergy Programs at the University of Tennessee." Briefing meeting with Congressman Zach Wamp and staff member, Washington, D.C., 14 May.
- Tiller, Kelly J. and Terry Nipp. 2007. "Sun Grant Initiative: BioWeb, Feedstock, and Research Programs." Briefing meeting with Senator Tim Johnson and staff members, Washington, D.C., 11 April.

- Tiller, Kelly J. and Terry Nipp. 2007. "Sun Grant BioWeb." Agency briefing meeting, U.S. Congressional Research Service, Washington, D.C., 11 April.
- Tiller, Kelly J. and Terry Nipp. 2007. "Sun Grant BioWeb." Agency briefing meeting, American Council on Renewable Energy, Washington, D.C., 10 April.
- Tiller, Kelly J. and Terry Nipp. 2007. "Sun Grant BioWeb." Agency briefing meeting, U.S. Department of Agriculture, Cooperative State Research and Education Service (CSREES), Washington, D.C., 10 April.
- Tiller, Kelly J. and Terry Nipp. 2007. "Sun Grant BioWeb." Agency briefing meeting, U.S. Department of Energy, Energy Efficiency and Renewable Energy, Office of Biomass Programs, Washington, D.C., 10 April.
- Tiller, Kelly J. and Terry Nipp. 2007. "Sun Grant BioWeb." Agency briefing meeting, U.S. Department of Agriculture, Research, Education and Economics (REE), Washington, D.C., 9 April.
- Tiller, Kelly J. and Terry Nipp. 2007. "Sun Grant BioWeb." Agency briefing meeting, U.S. Department of Transportation, Research and Innovative Technology Administration (RITA), Washington, D.C., 9 April.
- De La Torre Ugarte, Daniel. 2007. "Biofuels and Tortillas: A US-Mexican Tale of Chances and Challenges." Briefing by the Environmental and Energy Study Institute, Washington D.C., 16 March.
- De La Torre Ugarte, Daniel, Burton English, and Kim Jensen. 2007. "Opportunities and Challenges in Expanding the Role of Biofuels in America's Energy Portfolio." PBA Thursday Analysis Seminar, U.S. Department of Energy, 8 March.
- Hellwinckel, Chad, Daniel De La Torre Ugarte, Burton English, Kim Jensen. 2007. "Biofuels in Polysys: Model design, simulation and expansion. Global Biofuel Developments: Modeling the Effects on Agriculture." Workshop sponsored by Farm Foundation and USDA's Economic Research Service, 27 February.
- De La Torre Ugarte, Daniel. 2007. "Agricultural Trade and Sustainability: Beyond Subsidies. Symposium: Agriculture in the Developing World." Georgetown International Environmental Law Review, Washington, D.C., 15 February.
- Walsh, Marie, Burton English, Daniel de la Torre Ugarte, Chad Hellwinkel, Jamey Menard, and Richard Nelson. 2007. "Agricultural and Economic Impacts of Moving to a Biobased Economy." CSREES-SARE Roundtable Discussion, Washington, D.C., 13 February.
- Ray, Daryll E. 2007. "Agriculture and Agricultural Policy." Briefing for Agricultural staff, U.S. House and Senate, Washington, D.C., 26 January.
- Ray, Daryll E. 2007. "So Why Are There Farm Bills? Legislative Issues and Procedures." The CRS Seminar for New Members of the U.S. House of Representatives, Williamsburg, VA, 5-8 January.
- Jackson, Samuel and Kelly Tiller. 2006. "The Sun Grant BioWeb: Project Overview." Briefing meeting with Ann Bartuska, Deputy Chief for Research and Development, USDA Forest Service, Knoxville, TN, 31 October.

- English, Burton and Daniel De La Torre Ugarte. 2006. "Transition to a Cellulosic Ethanol Industry: Addressing the Agriculture and Forest Industrial Complex's Analytic Needs." DOE-EERE Analytic Briefing, Washington, D.C., 26 October.
- Klindt, Thomas, Timothy Rials and Kelly Tiller. 2006. "Southeastern Sun Grant Center of Excellence and University of Tennessee Biomass Programs and Opportunities." Briefing meeting with William Hoagland, Director of Budget and Appropriations, Office of the Majority Leader, U.S. Senate, Knoxville, TN, 25 October.
- English, Burton, Daniel De La Torre Ugarte, and James Larson. 2006. "Information Required for a POLYSYS Analysis." NRCS Working Group Meeting, Washington, D.C., 4 October.
- Tiller, Kelly J. 2006. "Sun Grant BioWeb: Project Overview and Status Update." Congressional staff briefing meeting, U.S. Senate Committee on Environment and Public Works, Washington, D.C., 13 September.
- Tiller, Kelly J. 2006. "Sun Grant BioWeb: Project Overview and Status Update." Briefing meeting with administrative staff, Research and Innovative Technology Administration, U.S. Department of Transportation, Washington, D.C., 13 September.
- Tiller, Kelly J. 2006. "Sun Grant BioWeb: Project Overview and Status Update." Briefing meeting with administrative staff, Office of Science Policy (OSP), Office of Research and Development (ORD), U.S. Environmental Protection Agency (EPA), Washington, D.C., 13 September.
- Ray, Daryll E. 2006. "Analysis of the Economic Impacts on the Agricultural Sector of the Elimination of the Conservation Reserve Program." Congressional Briefing of the CRP Report for the Congressional Staff, Washington, D.C., 7 September.
- De La Torre Ugarte, Daniel. 2006. "Opportunities and Challenges of Expanding Agriculture's Contribution to the Energy Supply." Richard Lugar and Purdue University Summit on Energy Security, West Lafayette, IN, 29 August.
- DiPietro, Joseph, Buddy Mitchell and Kelly Tiller. 2006. "UTIA Biomass Programs and Opportunities." Briefing meeting with Congressman Zach Wamp and staff member, Knoxville, TN, 24 August.
- English, Burton, Daniel De La Torre Ugarte, Marie Walsh, Chad Hellwinckel, and Jamey Menard. 2006. "Economic Impacts from Increased Competing Demands for Agricultural Feedstocks to Produce Bioenergy & Bioproducts." Presentation at the NRI Research Workshop Economic Research Service, Washington, D.C., 15-16 June.
- Tiller, Kelly J. 2006. "Overview of the Sun Grant Biomass Monograph Project." Briefing meeting with Jim Reeves, Associate Deputy Chief, Forest Service Research and Development, USDA Forest Service, Knoxville, TN, 25 May.
- Tiller, Kelly J. 2006. "Overview of the Sun Grant Biomass Monograph Project." Briefing meeting with Marcia Patton-Mallory, Woody Biomass and Bioenergy Coordinator, USDA Forest Service, Knoxville, TN, 24 April.
- Walsh, Marie, Burton English, Daniel De La Torre Ugarte, Richard Nelson, Chad Hellwinkel, and Jamey Menard. 2005. "Economic Impacts of Competing Uses of Biomass for Bioenergy and Bioproducts." Ag Biotech and Midwest Rural Development Workshop Federal Reserve Bank of Chicago, Chicago, IL, September.

- Tiller, Kelly J., Blake Brown, William Snell, Michael Moore and Dixie Reeves. 2005. "Tobacco Quota Buyout Legislation: Implementation Concerns and Considerations." USDA Farm Service Agency briefing meetings with administrators, Washington, D.C., 3 March.
- Tiller, Kelly J. 2005. "Tobacco Buyout Progress and Concerns in Tennessee." Congressional staff briefing paper and briefing meetings (Tennessee delegation), 2 March.
- Tiller, Kelly J. 2005. "The 'Top Ten' Things You Should Know About the Tobacco Buyout." Invited presentation, Tennessee Congressional Buyout Information Meeting, organized by Representatives Bill Jenkins and Zach Wamp, Morristown, TN, 22 February.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, and James Larson. 2002. "Enhancing Agriculture's Potential to Sequester Carbon: A Framework to Estimate the Incentive Levels." A presentation to the USDA Symposium on Natural Resource Management to Offset Greenhouse Gas Emissions, Raleigh, NC, 19-21 November.
- De La Torre Ugarte, Daniel and Daryll Ray. 2001. "Development and Implementation of Stochastic Version of POLYSYS-ERS." Seminar presented at the Markets and Trade Division of the Economics Research Service, USDA, Washington, D.C., 15 May.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller. 2001. "Preliminary Analysis of a Storage Farm Program." Invited presentation, Ag Policy Working Group, Policy Matrix Meeting, Washington, D.C., 1 May.
- De La Torre Ugarte, Daniel and Daryll Ray. 2001. "Synergism Between Agricultural and Energy Policy Based on Bioenergy Dedicated Crops." Presentation at meeting with Tennessee Valley Authority officials, Chattanooga, TN, 20 April.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller. 2000. "Stochastic Policy Analysis for Agriculture." United States Department of Agriculture, Washington, D.C., 15 February.
- Ray, Daryll E. 2000. "*Why is Freedom to Farm So Expensive?*" National Agricultural Credit Committee, Washington, D.C., 20 March.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller. 2000. "Stochastic Policy Analysis for Agriculture." Invited presentation, United States Department of Agriculture, Washington, D.C., 15 February.
- De La Torre Ugarte, Daniel. 1999. "The Economic Impacts of Energy Crop Production on Agriculture." Invited presentation, Department of Energy, Bioenergy Feedstock Development Program, Subcontractors and Cooperators Workshop, Alexandria, MN, 12-15 October.
- Moiseyev, Alexander, Daniel De La Torre Ugarte, and Peter Ince. 1999. "Analysis of Market Potential of Short-Rotation Woody Crops." Invited presentation, Department of Energy, Bioenergy Feedstock Development Program, Subcontractors and Cooperators Workshop, Alexandria, MN, 12-15 October.
- De La Torre Ugarte, Daniel. 1999. "The Economic Impacts of Bioenergy Crop Production in U.S. Agriculture." Invited presentation, Office of the Chief Economist, U.S. Department of Agriculture, Washington, D.C., 25 May.

- De La Torre Ugarte, Daniel and Daryll Ray. 1999. "Capabilities of POLYSYS for the Analysis of Natural Resources Issues." Seminar presented to the Natural Resources Division of the Economic Research Service. Washington, D.C., 24 May.
- De La Torre Ugarte, Daniel, Marie Walsh, Hosein Shapouri, and Stephen Slinsky. 1999. "The Economic Impacts of Bioenergy Crop Production in U.S. Agriculture." Invited presentation, U.S. Department of Energy, Washington, D.C., 12 May.
- De La Torre Ugarte, Daniel and Daryll Ray. 1999. "Integration of USDA Livestock Sector Model into the POLYSYS Framework." Invited presentation, Markets and Trade Division, Economic Research Service, U.S. Department of Agriculture, Washington, D.C., 25 March.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller. 1997. "Developing a Stochastic Version of the POLYSYS Model." Presentation made to Keith Collins, Chief Economist, U.S. Department of Agriculture, Washington, D.C., 17 December.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller. 1997. "An Overview of the POLYSYS Modeling System." Presented to the Economic Research Service, U.S. Dept. of Agriculture, Washington, D.C., 17-18 November.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller. 1997. "Policy Analysis System (POLYSYS)." Presentation made to Peter Kuch, Policy Program Director, U.S. Environmental Protection Agency, Washington, D.C., 18 November.
- De La Torre Ugarte, Daniel, Daryll Ray, and Kelly Tiller. 1997. "POLYSYS: A Modeling System for Agricultural Economic & Environmental Issues." Presented to Office of Policy, U.S. Environmental Protection Agency, Washington, D.C., November.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller. 1997. "Policy Analysis System (POLYSYS)." Presentation made to Peter Kuch, Policy Program Director, U.S. Environmental Protection Agency, Washington, D.C., 18 November.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller. 1997. "POLYSYS: A Modeling System for Agricultural Economic and Environmental Issues." Office of Policy, U.S. Environmental Protection Agency, Washington, D.C., November.
- Ray, Daryll E., Daniel De Le Torra Ugarte, and Kelly Tiller. 1997. "An Overview of the POLYSYS Modeling System." Economic Research Service, U.S. Department of Agriculture, Washington, D.C., 17-18 November.
- De La Torre Ugarte, Daniel and Kelly Tiller. 1997. "A Methodology to Evaluate The Potential Economic Impacts of El Niño on U. S. Agriculture." Presented to the Agriculture Research Service, Lubbock, TX, September.
- Ray, Daryll E., Burton English, and Daniel De La Torre Ugarte. 1995. "Modeling Economic and Environmental Impacts: The University of Tennessee System." Presented to the Soil Conservation Service, Knoxville, TN, 30 June.
- Ray, Daryll E., Burton English, and Daniel De La Torre Ugarte. 1995. "Modeling Economic and Environmental Impacts: The University of Tennessee System." The Soil Conversation Service, Knoxville, TN, 30 June.

- Ray, Daryll E., Burton English, and Daniel De La Torre Ugarte. 1995. "Modeling Economic and Environmental Impacts: The University of Tennessee System." Seminar presented at Natural Resources Conservation Service National Headquarters, Washington, D.C., 10 May.
- Ray, Daryll E., Burton English, and Daniel De La Torre Ugarte. 1995. "Modeling Economic and Environmental Impacts: The University of Tennessee System." Seminar presented at Natural Resources Conservation Service National Headquarters, Washington, D.C., 10 May.
- Ray, Daryll E. 1994. "Progress Report: Farm Survivability and Income Effects of Soil and Water Resource Policies for Agriculture." U.S. Soil Conservation Service, Washington, D.C., 27 July.
- Ray, Daryll E. 1992. "Use of POLYSYS for Policy Analysis." The Commercial Agriculture Division, U.S. Department of Agriculture, Washington, D.C., 8 August.
- Ray, Daryll E. 1992. "Deriving Macro Impacts of Sustainable Agriculture from ACE-Supported, Farm and Regional-Level Research." The Agriculture in Concert with the Environment (ACE) Board Meeting, Washington, D.C., 6 August.

4. USDA Agricultural Outlook Forums

- De La Torre Ugarte, Daniel, Chad Hellwinckel, Burton English, Tristram West, Kim Jensen, Jamey Menard, and Chris Clark. 2010. "Putting the Hopes and Fears of Climate Change Legislation in Perspective." USDA Agricultural Outlook Forum 2010: The Key to Health & Prosperity, Arlington, VA, 18-19 February.
- Walsh, Marie E., Burton English, Daniel De La Torre Ugarte, Chad Hellwinckel, Jamey Menard, Kim Jensen, and Richard Nelson. 2008. "Beyond Corn and Soybeans: Cellulose Feedstocks." USDA Agricultural Outlook Forum, Washington, D.C., 21-22 February.
- Ray, Daryll E. 2007. "Leveling the Policy Framework Between Crops and Biomass." United States Department of Agriculture's 83rd Agricultural Outlook Forum, Arlington, VA, 1 March.
- Tiller, Kelly J. 2001. "Tobacco Issues: Contracting and Use of Tobacco Settlement Payments." Invited paper. Proceedings of the 2001 USDA Agricultural Outlook Forum, Washington, D.C.

International:

1. Testimony before International Legislative Groups

- De La Torre Ugarte, Daniel. 2012. "Analysis of a Hypothetical International Grain Reserve." Seminar on Grain Reserves, Casa La Salle, Rome. 22-23 October.
- Ray, Daryll E. 2001. "Agricultural Economic and Policy Uncertainty: The U.S. Case." Agricultural Forum Sponsored by the Mexican Senate, Mexico City, Mexico. 2 August.
- De La Torre Ugarte, Daniel. 2011. "Past and Current Policy Responses to Agricultural Price Volatility: Some Lessons From the U.S. Experience." Presented at the European Seminar on Agricultural Market Volatility, European Parliament, Brussels, Belgium, 21 June.
- De La Torre Ugarte, Daniel. 2010. "Trade: From The Driver to the Co-Pilot Of Economic Growth." Ad Hoc Expert Meeting on the Green Economy: Trade and Sustainable Development Implications, Palais des Nations, Geneva, Switzerland, 7-8 October.
- De La Torre Ugarte, Daniel. 2009. "Can Biofuels be Sustainable in an Unsustainable Agriculture?" US-China Workshop on the Climate-Energy Nexus, Oak Ridge, TN, 11-13 November.
- Ray, Daryll E. 2008. "OMAFRA Research Priority Setting Project, Expert Panel Agricultural Policy." Ontario Ministry of Agriculture Food & Rural Affairs, Guelph, Ontario, Canada, 16 July.
- Ray, Daryll E. 2008. "High Agricultural Prices: Current Reasons and Prospects for the Future." FDIC's U.S.-China Rural Finance Seminar, Dallas, TX, 22 May.
- De La Torre Ugarte, Daniel. 2006. "Opportunities and Challenges of Biofuels for the Agricultural Sector and Food Security of Developing Countries." UNCTAD Biofuels Initiative, Brainstorming Session, Geneva, Switzerland, 22 June.
- De La Torre Ugarte, Daniel. 2005. "The New U.S. Agricultural Policy: How Free Markets Failed in Agriculture." How to Ensure Food Security: A Major Challenge for Policy Coherence, a Conference organized by the Présidence Luxembourgeoise du Conseil de l'Union européenne, Luxembourg, 21-23 March.
- Ray, Daryll E. 2005. "Towards Fairer Food and Agricultural Markets." German Embassy, Washington, D.C., 19 April.
- Ray, Daryll E. 2004. "*U.S. Agriculture: What Is It Like and Why does It Act That Way.*" The Minister of Agriculture and guests, Brussels, Belgium, 1 December.
- De La Torre Ugarte, Daniel. 2004. "BIOMASS for Energy: Enhancing the Synergism Between Energy and Agricultural Policies." Energy Consumption: Transatlantic Concerns and Alternatives for the Future: Roundtable on Energy and Environment, The European Institute, Washington, D.C., 27 October.
- De La Torre Ugarte, Daniel. 2004. "Supply Management and Raw Materials' International Markets: The US Case." Conference on "Supply Management: A Response To Decreased Farm Incomes and an Upstream Management of The Surpluses Issue," European Parliament, Brussels, Belgium, 29 April.

2. International Organizations, WTO, UNCTAD

- Ray, Daryll E. 2013. "Agri-Food and International Trade: National Specificity." The International Economic Forum of the Americas Conference of Montreal, Canada, 12 June.
- De La Torre Ugarte, Daniel. 2012. "Past and Current Policy Responses to Agricultural Price Variability: Lessons from the US Experience." CIRAD, Montpellier, 24 May.
- De La Torre Ugarte, Daniel. 2012. "Balancing Food and Energy Uses with Environmental Stewardship and Development Needs. No one-size-fits-all: New Sustainable and Socially Inclusive Biofuels Experiences in Developing and Least Developed Countries." UNCTAD Side Event on Biofuels, Rio de Janeiro, Brazil, 19 June.
- De La Torre Ugarte, Daniel. 2012. "Mainstreaming Agricultural Sustainability into Trade and Development Policies: Towards the Rio+20 Summit." UNCTAD XIII, Development-Centered Globalization: Towards Inclusive and Sustainable Growth and Development. Doha, 21-26 April.
- De La Torre Ugarte, Daniel. 2011. "Enhancing UNCTAD's Message to RIO+20." Presented at the Ad Hoc expert Meeting on The Green Economy: Trade and Sustainable Development Implications, Palais des Nations, Geneva, Switzerland, 8-10 November.
- Schaffer, Harwood D. 2011. "Misconceptions, Untruths and Misinformation." International Forum Dakar Agricole 2011, Dakar, Senegal. April.
- Ray, Daryll E. 2011. "Expert Group Meeting on Food Reserves for G20 Summit." Hosted by World Food Programme, Manhasset, NY, 27 April.
- De La Torre Ugarte, Daniel and Sophia Murphy. 2010. "Food Reserves and the WTO." World Trade Organization Public Forum: The Forces Shaping World Trade, Geneva, Switzerland, 15-17 September.
- De La Torre Ugarte, Daniel. 2006. "The Contributions and Challenges of Supply Management in a new Institutional Agricultural Trade Framework." WTO Public Forum 2006: What WTO for the XXIst Century, Geneva, Switzerland, 25-26 September.
- De La Torre Ugarte, Daniel. 2006. "The Contributions and Challenges of Supply Management in a new Institutional Agricultural Trade Framework." *Ecofair Trade Dialogue*, North American Regional Consultation, Washington, D.C., 12 September.
- De La Torre Ugarte, Daniel. 2009. "Policy choices and the right to food in the context of the global food crisis, Interactive Thematic Dialogue of the U.N. General Assembly on The Global Food Crisis and the Right to Food." Organized by the Office of the Secretary of the U.N. General Assembly, Trusteeship Council Chamber, UN Headquarters, New York, 6 April.
- Ray, Daryll E. 2009. "Grain Reserves." Public side event to the 67th session of the FAO Committee on Commodity Problems, FAO Head Office, Rome, Italy, 20 April.
- De La Torre Ugarte, Daniel. 2008. "Food Security, Environmental Sustainability and Bio-fuels: Global Challenges and Opportunities." Presented at the Regional FAO/NGOs - CSOs Consultation for Europe Agricultural Policy Response and Adjustment of

Agriculture and Food Systems to Increasing Food Prices and Impacts of Climate Change on Agriculture and Rural Areas, Innsbruck, Austria, 23-24 June.

De La Torre Ugarte, Daniel. 2008. "Opportunities and Challenges for Smallholder Farmers in Developing Countries." Presented at the International Consultation on Pro-Poor Jatropha Development, International Fund for Agricultural Development, Casa San Bernardo, Rome, Italy, 10-11 April.

De La Torre Ugarte, Daniel. 2005. "National Perspectives on Biofuels: a Ministerial Dialogue." Moderator, Assessing the Biofuels Option, Workshop organized by the International Energy Agency, the United Nations Foundation, and the Government of Brazil, Paris, France, 20-21 June.

De La Torre Ugarte, Daniel. 2005. "Bio-energía: Oportunidades Para Países en Desarrollo." Expert Meeting on New and Dynamic Sectors, United Nations Conference on Trade and Development (UNCTAD), Geneva, Switzerland, 8 February.

De La Torre Ugarte, Daniel. 2004. "Rethinking US Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." Civil Society Program on Agriculture and Environment, XI UNCTAD Conference, Sao Paulo, Brazil, 15 June.

De La Torre Ugarte, Daniel. 2004. "Rethinking US Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." Multilateralism at a Crossroads, WTO Symposium, Geneva, Switzerland, 27 May.

De La Torre Ugarte, Daniel. 2004. "Employing Synergisms Among Agriculture, Energy, and The Environment to Foster Development in The South." International Planning Committee, FAO, Rome, Italy, 21 September.

Ray, Daryll E. and Harwood Schaffer. 2003. "International Cooperation to Restore Agricultural Profitability." International Federation of Agricultural Producers, World Trade Organization NGO and CSO Meetings, Cancun, Mexico, 14 August.

Walsh, Marie E., Daniel De La Torre Ugarte, Hosein Shapouri, and Stephen Slinsky. 2000. "The Economic Impacts of Bioenergy Crop Production on U.S. Agriculture." Conference on Sustainable Energy: New Challenges for Agriculture and Implications for Land Use, Wageningen University, The Netherlands, 18-20 May.

State and Regional:

1. Legislative and Agency Presentations

Ray, Daryll E. 2011. "High Crop Prices: The Good, The Bad, and The Ugly." 65th Annual Meeting of the Southern Legislative Conference, Memphis, TN, 17 July.

Hellwinckel, Chad, Kim Jensen, Burton English, Daniel De La Torre Ugarte, and Jamey Menard. 2010. "Economic Drivers for Renewable Energy Technologies: Kentucky-Tennessee Appalachian Regions: Potential impacts of energy and climate change policies." Workshop, Berea, KY, 16 November.

Ray, Daryll E. 2010. "The Setting for 2012 FB." 2010 National Association of State Departments of Agriculture Annual Meeting, Dover, DE, 19 September.

- Ray, Daryll E. 2010. "U.S. and Global Agriculture." Missouri Governor's Conference on Agriculture, St. Louis, MO, 8 January.
- Tiller, Kelly J. 2008. "The UT Biofuels Initiative: Biomass Focused Development Strategy." Invited presentation and briefing, Governor's Energy Policy Task Force, Jackson, TN, 14 November.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: Progress Update." Legislative briefing meeting, Representative Harry Brooks, Knoxville, TN, 12 September.
- Petersen, John and Kelly Tiller. 2008. "Biofuels Center Capital Project Modification, SBC Project No. 540/017-01-2007." Tennessee State Building Commission, Nashville, TN, 11 September.
- Tiller, Kelly J. and Sylvia Davis. 2008. "Tennessee Biofuels Initiative." Tennessee State Fiscal Review Committee Hearing, Nashville, TN, 9 September.
- Tiller, Kelly J. 2008. "Growing a New Clean Energy Industry in Tennessee." Legislative Testimony, Tennessee Senate, Finance Committee, Nashville, TN, 19 February.
- Tiller, Kelly J. 2007. "The Tennessee Biofuels Initiative." Presentation at the Biofuels Educational Forum with Representative Lincoln Davis, hosted by the University of Tennessee Institute of Agriculture and Tennessee Farm Bureau, Crossville, TN, 22 October.
- Petersen, John and Kelly Tiller. 2007. "Biofuels Center Request (\$40.7 million), SBC Project No. 540/017-01-2007." Tennessee State Building Commission, Nashville, TN, 11 October.
- Tiller, Kelly J. 2007. "The Tennessee Biofuels Initiative." Invited presentation, Southern Association of State Departments of Agriculture Annual Meeting, Nashville, TN, 18 June.
- Tiller, Kelly J., Timothy Rials, and Mark Downing. 2007. "Update on the Tennessee Biofuels Initiative." Invited panel presentation, Tennessee Governor's Conference on Biofuels, Burns, TN, 31 May.
- Tiller, Kelly J. and Terry Nipp. 2007. "Sun Grant BioWeb." Agency briefing meeting, Northeastern Governor's Association, Washington, D.C., 11 April.
- Tiller, Kelly J. 2007. "The Tennessee Biofuels Initiative: An Unprecedented Opportunity for the State." Legislative Testimony, Tennessee Senate, Committee on Commerce, Labor and Agriculture, Nashville, TN, 13 February.
- Tiller, Kelly J. 2005. "Tennessee Fuel Taxes: Revenues, History, and Alternative Scenarios." Legislative briefing meetings with Tennessee legislators (3), Knoxville, TN, 21 February and 7 March.
- Ray, Daryll E. 2005. "Basing Agricultural Policy on Realities." National Association of State Department of Agricultures, 2005 Midyear Meeting, Washington, DC, 20 February.
- Ray, Daryll E. 2005. "Agricultural Situation and Policy Possibilities." Legislative Agricultural Chairs Summit, Peabody Hotel, Memphis, TN, 29 January.
- Ray, Daryll E. 2004. "Agriculture: Challenges of Today and Tomorrow." Southern Legislative Conference to the Agriculture and Rural Development Committee, Little Rock, AK, 15 August.

- Tiller, Kelly J. 2003. "World Trade Organization: Trade Considerations for Tennessee Agriculture and the Tennessee Economy." Chattanooga Mayor Bob Corker and selected staff, Chattanooga, TN, 10 November.
- Tiller, Kelly J. 2003. "Rethinking U.S. Agricultural Policy." Invited presentation before the Tennessee State FSA Committee, Knoxville, TN, 23 October.
- Tiller, Kelly J. 2003. "U.S. Tobacco Economic and Policy Outlook." Invited presentation before the Tennessee State FSA Committee, Knoxville, TN, 23 October.
- Ray, Daryll E. 2001. "A Look Back at the Development of Policy on the Major Commodities." The National Association of State Department of Agriculture, Bloomington, MN, 2 April.
- Ray, Daryll E. 2000. "1996 Farm Bill: How Has It Performed?" South Dakota Legislative Session on Farm Policy, Pierre, SD, 12 January.
- Ray, Daryll E. 1999. "Freedom to Farm: Four-Year Checkup." National Conference of State Legislatures, Committee on Agriculture and International Trade, Joint AFI/ASI Meeting, Washington, D.C., 2 December.
- Ray, Daryll E. 1989. "Forces Affecting Agricultural Policy in the 1990's." Paper presented at the 1990 Farm Bill Forum sponsored by the Iowa House & Senate Agriculture Committees, Des Moines, IA, 18 March.

2. Reports to the Governor

- Schaffer, Harwood D., Daryll E. Ray, and Patricia McDaniels. 2013. "Situation and Outlook for Tennessee Agriculture." In Matthew N. Murray, ed. *An Economic Report to the Governor of the State of Tennessee*. Tennessee State Publishing Office, Nashville, TN pp. 34-40.
- Schaffer, Harwood D., Daryll E. Ray, and Patricia McDaniels. 2012. "Situation and Outlook for Tennessee Agriculture." In Matthew N. Murray, ed. *An Economic Report to the Governor of the State of Tennessee*. Tennessee State Publishing Office, Nashville, TN pp. 28-34.
- Schaffer, Harwood D., Daryll E. Ray, and Jane H. Starnes. 2011. "Situation and Outlook for Tennessee Agriculture." In Matthew N. Murray, ed. *An Economic Report to the Governor of the State of Tennessee*. Tennessee State Publishing Office, Nashville, TN pp. 36-44.
- Schaffer, Harwood D., Kelly J. Tiller, Daryll E. Ray, and Jane H. Starnes. 2010. "Situation and Outlook for Tennessee Agriculture." In Matthew N. Murray, ed. *An Economic Report to the Governor of the State of Tennessee*. Tennessee State Publishing Office, Nashville, TN.
- Schaffer, Harwood D., Kelly J. Tiller, and Daryll E. Ray. 2009. "Situation and Outlook for Tennessee Agriculture." In Matthew N. Murray, ed. *An Economic Report to the Governor of the State of Tennessee*. Tennessee State Publishing Office, Nashville, TN.
- Schaffer, Harwood, Kelly J. Tiller, and Daryll E. Ray. 2008. "Situation and Outlook for Tennessee Agriculture." In Matthew N. Murray, ed. *An Economic Report to the Governor of the State of Tennessee*. Tennessee State Publishing Office, Nashville, TN, pp. 29-35.

- Schaffer, Harwood D., Kelly J. Tiller, Daryll E. Ray, Daniel G. De La Torre Ugarte, and Jamey Menard. 2007. "Situation and Outlook for Tennessee Agriculture." In Matthew N. Murray, ed. *An Economic Report to the Governor of the State of Tennessee*. Tennessee State Publishing Office, Nashville, TN.
- English, Burton, Daniel De La Torre Ugarte, Kim Jensen, Chad Hellwinckel, and Jamey Menard. 2006. "Estimated Impacts of Attaining 60 Billion Gallons of Ethanol by 2030 on Agriculture and the Nation's Economy." Governors Ethanol Coalition, Kansas City, KS, 3 October.
- Tiller, Kelly J., Timothy Rials, and Thomas Klindt. 2006. "University of Tennessee: Leading the Southeast in Biomass Research, Education and Outreach." Invited presentation, Governor's Interagency Alternative Fuels Working Group meeting, National Transportation Research Center, Knoxville, TN, 6 June.
- Ray, Daryll E. 1996. "Balancing Freedom and Risk: The 1996 Farm Bill." Governor's Conference on Agriculture and Forestry Meeting, Nashville, TN, 14-15 May.
- Ray, Daryll E. 1996. "Understanding the 1995 Farm Bill and its Impacts on Tennessee." Governor's Council on Agriculture and Forestry, Nashville, TN, 7 February.
- Tiller, Kelly J., LaKeya Jones, Daryll E. Ray, and Daniel De La Torre Ugarte. 2006. "Situation and Outlook for Tennessee Agriculture." In Matthew N. Murray, ed. *An Economic Report to the Governor of the State of Tennessee*. Tennessee State Publishing Office, Nashville, TN, pp. 25-32. January.
- Tiller, Kelly J., Daryll E. Ray, and Daniel De La Torre Ugarte. 2005. "Situation and Outlook for Tennessee Agriculture." In Matthew N. Murray, ed. *An Economic Report to the Governor of the State of Tennessee*. Tennessee State Publishing Office, Nashville, TN. January.
- Tiller, Kelly J., Daryll E. Ray, and Daniel G. De La Torre Ugarte. 2004. "Situation and Outlook for Tennessee Agriculture." In Matthew N. Murray, ed. *An Economic Report to the Governor of the State of Tennessee*. Tennessee State Publishing Office, Nashville, TN, pp. 29-33, January.
- Tiller, Kelly J., Daryll E. Ray, and Daniel De La Torre Ugarte. 2003. "Situation and Outlook for Tennessee Agriculture." In Matthew N. Murray, ed. *An Economic Report to the Governor of the State of Tennessee*. Tennessee State Publishing Office, Nashville, TN, January.
- Ray, Daryll E., Kelly J. Tiller, Daniel De La Torre Ugarte, and Richard White. 2002. "Situation and Outlook for Tennessee Agriculture." In Matthew N. Murray, ed. *An Economic Report to the Governor of the State of Tennessee*. Tennessee State Publishing Office, Nashville, TN, January.
- Tiller, Kelly J., Daryll E. Ray, and Daniel De La Torre Ugarte. 2001. "Situation and Outlook for Tennessee Agriculture." In Matthew N. Murray, ed. *An Economic Report to the Governor of the State of Tennessee*. Tennessee State Publishing Office, Nashville, TN, January.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Richard White. 2000. "Situation and Outlook for Tennessee Agriculture." In Matthew N. Murray, ed. *An Economic Report to the Governor of the State of Tennessee*. Tennessee State Publishing Office, Nashville, TN, January.

Tiller, Kelly J., Daryll E. Ray, Stephen Slinsky, and Daniel De La Torre Ugarte. 1999. "Situation and Outlook for Tennessee Agriculture." In Matthew N. Murray, ed. *An Economic Report to the Governor of the State of Tennessee*. Tennessee State Publishing Office, Nashville, TN, February.

3. Southern Region Agricultural Outlook Conferences

Ray, Daryll E., and Harwood D. Schaffer. 2007. "US Farm Policy and WTO Implications." Southern Region Agricultural Outlook Conference, Atlanta, September.

Tiller, Kelly J., Blake Brown, and William Snell. 2006. "U.S. Tobacco Situation and Outlook." Invited paper. *Proceedings of the Southern Agricultural Outlook Conference*, (electronic proceedings available at: <http://www.ces.uga.edu/Agriculture/agecon/workshops/southconmain.html>), Atlanta GA.

Brown, A. Blake, William M. Snell and Kelly J. Tiller. 2004. "2005 Flue-Cured and Burley Tobacco Situation and Outlook." Invited paper. *Proceedings of the Southern Agricultural Outlook Conference*, (electronic proceedings available at: <http://www.ces.uga.edu/Agriculture/agecon/workshops/southconmain.html>), Atlanta GA.

Tiller, Kelly J. 2003. "U.S. Tobacco Economic and Policy Outlook." Invited paper. *Proceedings of the Southern Agricultural Outlook Conference*, (electronic proceedings available at: <http://www.ces.uga.edu/Agriculture/agecon/workshops/southconmain.html>), Atlanta GA.

Tiller, Kelly J. 1999. "Tobacco Situation and Outlook." Invited paper. *Proceedings of the Southern Agricultural Outlook Conference*, Atlanta GA.

Tiller, Kelly J. 2003. "U.S. Tobacco Economic and Policy Outlook." Invited presentation at the Southern Agricultural Outlook Conference, Atlanta, GA, 29 September.

Table 4. Presentations: International, Domestic, 1991-2014

Description	Total
International:	
Presentations to Farm Groups	10
Academic Seminars and Professional Groups	54
Presentations to NGO's and Other Organizations	21
Domestic:	
Farm Policy/Business Conference Presentations	46
Farm Organization Presentations	60
Commodity Organization Presentations	26
Non-Government Organization (NGO) Presentations	41
Professional/Industry/Community Group Presentations	95
Cooperative Extension Service Education Programs	45
Experiment Station Educational Programs and Technical Training	36
Press Conferences	9
Community and Service Organization Presentations	45

Table 4: Presentations

International:

1. Presentations to Farm Groups

- Ray, Daryll E. 2010. "Will True Free Trade Ever Occur?" 2010 GrainWorld Conference, Manitoba, Winnipeg, Canada, 23 February.
- Ray, Daryll E. 2008. "The Widening Gap Between Farm Policy Needs and Farm Policy as Delivered." Farmers Union, The Netherlands, 18 March.
- Ray, Daryll E. 2007. "Participate in a panel of Agricultural Policy." Annual General Meeting of the Canadian Farm Business Management Council, Ottawa, Canada, 30 May.
- Ray, Daryll E. 2007. "Farm Policy. In a Wilderness Without a Compass (Or GPS)." Annual General Meeting of the Canadian Farm Business Management Council, Ottawa, Canada, 29 May.
- Ray, Daryll E. 2007. "Ethanol Ecstasy, but Isn't Long-Term Euphoria a Contradiction in Terms?" Annual General Meeting of the Canadian Farm Business Management Council, Ottawa, Canada, 28 May.
- Ray, Daryll E. 2005. "Present and Future Backdrop for "Staging" Farm Policy Possibilities." Canada-U.S. Farmer Forum, Winnipeg, Manitoba, 1 March.
- Ray, Daryll E. 2005. "US Agriculture and the WTO." Grain World 2005 WTO Issues, Winnipeg, Manitoba, 27 February.
- Ray, Daryll E. 2003. "Community Market, European Market: Which Organization for Cereals." French Corn Growers Association Annual Congress Le Mans, France, 19 September.
- Ray, Daryll E. 2003. "The World Farm Situation and U.S. Policy." Conference on Farm Economic Issues, Organized by Focus on Sabbatical, Saskatoon, Saskatchewan, 3 April.
- Ray, Daryll E. 2003. "U.S. Farm Policy: What's That About?" Keystone Agricultural Producers Inc., 19th Annual Meeting, Winnipeg, Manitoba, 24 January.

2. Academic Seminars and Professional Group Presentations

- De La Torre Ugarte, Daniel. 2012. "El Incremento de Precios Agrícolas: Reto y Oportunidad para la Seguridad Alimentaria y el Medio Ambiente". Universidad San Ignacio de Loyola, Lima, Peru. 17 Setiembre. Translation: "The Agricultural Growth Rates: Challenge and Opportunity Food Security and the Environment." Universidad San Ignacio de Loyola, Lima, Peru. 17 September.
- De La Torre Ugarte, Daniel. 2012. "Agricultura y Biocombustibles." Diálogo sobre Las oportunidades de los países de América Latina en una transición hacia la economía verde. Heredia, Costa Rica 26-27 de julio 2012. **Translation:** "Agriculture and Biofuels." *Dialogue on Opportunities for Latin America in a transition to a green economy. Heredia, Costa Rica , 26-27 July.*

- De La Torre Ugarte, Daniel. 2011. "An Stochastic Method to Analyze Climate Events Through a Dynamic Multi-Regional Agricultural Sector Model." Presented at the Agricultural Economics Research Institute (LEI), The Hague, The Netherlands, 11 October.
- De La Torre Ugarte, Daniel and Chad Hellwinckel. 2011. "The Role of Biofuels in the Transformation of Agriculture." Presented at the Agricultural Economics Research Institute (LEI), The Hague, The Netherlands, 11 October.
- De La Torre Ugarte, Daniel. 2011. "Incorporating Stochastic Events in a Multi-regional Agricultural Sector Model." Presented at the Cluster Economics Seminar, Wageningen University, Wageningen, The Netherlands, 11 September.
- Schaffer, Harwood D. 2011. "Economic Empowerment of Women in Rural Oromia." Oromo Women's International Conference 2011, Frankfurt, Germany, July.
- De La Torre Ugarte, Daniel. 2011. "A Safety Net For Agriculture: Crop Insurance or Market Regulation?" Presented at the Agricultural Seminar: The CAP Towards 2020: Market Regulation and Farm Structure Policy, International trade Union House, Brussels, Belgium, 31 March – 1 April.
- De La Torre Ugarte, Daniel. 2010. "Implicaciones Sobre el Comercio y el Desarrollo Sostenible de la Economía Verde." Comisión Económica para América Latina. Reunión de Expertos Designados por los Gobiernos de América Latina y el Caribe Preparatoria de Río+20: Economía Verde en el Contexto del Desarrollo Sostenible y de la Erradicación de la Pobreza y Marco Institucional para el Desarrollo Sostenible, Santiago, Chile. 15-16 December. ***Translation:*** *Implications on Trade and Sustainable Development of the Green Economy. Economic Commission for Latin America. Meeting of Experts Appointed by the governments of Latin America and the Caribbean for Rio +20: Green Economy in the Context of Sustainable Development and Poverty Eradication and the Institutional Framework for Sustainable, Santiago, Chile Developmen, 15-16 December.*
- Ray, Daryll E. 2009. "Innovative Agr-Food Policies: Are They Out There?" Global Agri-Food Forum 2009, Mexico City, Mexico, 17 September.
- De La Torre Ugarte, Daniel. 2009. "Política Agrícola de los Estados Unidos: Entre el Mito y la Realidad." Ponencia presentada en el 2do Foro Internacional del Maíz, "El Futuro se Siembra Ahora" Culiacán, Sinaloa, 9 Septiembre. ***Translation:*** *Agricultural Policy of the United States: Between Myth and Reality." Paper presented at the 2nd International Forum of Corn, "Sowing The Future is Now" Culiacan, Sinaloa, 9 September.*
- De La Torre Ugarte, Daniel. 2009. "The End of a Long Downward Trend? Analysis of the basic elements influencing the evolution of the prices of staple products in the long term." Presented at the International Agriculture Seminar: The Need to Regulate Agricultural Markets Analysis and Proposals in Views of the Recent Food Price Crisis. Maison Notre-Dame du Chant d'Oiseau Brussels, 4-5 May.
- De La Torre Ugarte, Daniel. 2009. "Nuevos Desafíos: El Efecto De La Bajada De Los Precios De Petróleo Sobre La Viabilidad Del Sector De Biocombustibles, Taller en la Región Andina." Biocombustibles Sostenibles, Bogotá, Colombia, 17 y 18 de Febrero. ***Translation:*** *"New Challenges: The Effect Of The Down On The Feasibility Petroleum*

Sector Biofuels Workshop in the Andean Region.” Sustainable Biofuels, Bogota, Colombia, 17-18 February.

- Green, Daniel and Kelly J. Tiller. 2008. “U.S. Tobacco Markets and Outlook Post-Buyout.” Invited Issues Day program, International Tobacco Growers’ Association 2008 Annual Meeting, Misiones, Argentina, 27 October.
- Ray, Daryll E. 2008. “US Agricultural Policy and Trade: The China Connection.” Rural Development Institute, Chinese Academy of Social Sciences, Beijing, China, 3 June.
- Ray, Daryll E. 2008. “U.S. Agricultural Policy: Changes and Fundamentals.” Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, China, 2 June.
- Tiller, Kelly J. 2007. “The Tennessee Biofuels Initiative: A Model for Rural Economic Development and Environmental Sustainability.” Invited presentation, U.S.-China Workshop on Environmental Aspects of Bioenergy Production and Sustainability, Knoxville, TN, 11 September.
- De La Torre Ugarte, Daniel, Burton English, and Kim Jensen. 2007. “Expanding the Role of Biofuels in America’s Energy Portfolio: Implications for Food Security in Developing Countries.” Workshop on Economics, Policies and Science of Bioenergy International Consortium of Agricultural Biotechnology Research, Ravello, Italy, 26 July.
- Schaffer, Harwood D. 2007. “Maize and Ethanol: Are the Current High Prices Sustainable?” XX Congreso Nacional Cerealistas y de Leguminosas (FENALCE), Bogota Colombia, June.
- Ray, Daryll E. 2007. “Corn, Ethanol, & Tortillas; Short-Term vs Long-Term Realities.” Global Agri-Food Forum 2007, sponsored by the National Agricultural Council, Mexico City, Mexico, 15 June.
- De La Torre Ugarte, Daniel. 2007. “Slow Trade - Sound Farming: Role of Supply Management in an International Framework.” 12th World Congress Association of Social Economics, Amsterdam, Netherlands, 8-10 June.
- De La Torre Ugarte, Daniel G. 2007. “US Ag Policy: Where does it come from? Where is it going to?” Presented at U.S. Farm Bill and the EU Common Agriculture Policy at Crossroads - A Global Dialogue on U.S., Canadian and EU Agriculture Policies, Washington, D.C., 14-15 May.
- De La Torre Ugarte, Daniel. 2007. “Presentation at the Congressional Briefing, Biofuels and Tortillas: A US-Mexican Tale of Chances and Challenges.” Organized by the Environmental and Energy Study Institute, Washington D.C., 16 March.
- De La Torre Ugarte, Daniel. 2007. “Oportunidades y Retos de la Expansión de Bio-combustibles para el Sector Agrícola y la Seguridad Alimentaria de Guatemala.” Taller sobre Biocombustibles, UNCTAD, Sheraton Hotel, Guatemala City, 30 March.
Translation: “*Opportunities and Challenges of Biofuels Expansion for Agricultural Sector and Food Security in Guatemala.*” *Workshop on Biofuels, UNCTAD, Sheraton Hotel, Guatemala City, 30 March.*
- De La Torre Ugarte, Daniel, Daryll E. Ray, and Kelly J. Tiller. 2006. “Una Reconsideración de la Política Agrícola de Estados Unidos: cambio de rumbo para asegurar el susteno de los

- agricultores a nivel mundial." Invited presentation, El Colegio de México, Programa de Ciencia, Tecnología y Desarrollo, Mexico City.
- De la Torre Ugarte, Daniel. 2005. "The Limits of Trade Liberalization in Agriculture and the Search for an Alternative Framework to Benefit Countries in the South." Trade and Development Symposium, organized by the International Center for Trade and Sustainable Development, Hong Kong, 13-17 December.
- De La Torre Ugarte, Daniel. 2005. "Revisiting Supply Management Mechanisms." Discussant, Strategic Dialogue on Commodities, Trade, Poverty and Sustainable Development, Barcelona, Spain, 13-15 June.
- De La Torre Ugarte, Daniel. 2005. "Geo-Economic Challenges for Free Trade in Agriculture." Mansholt Seminar, Wageningen University, Wageningen, Netherlands, 7 June.
- De La Torre Ugarte, Daniel. 2005. "The Potential of Trade Liberalization in Agriculture to Benefit Peasants and Countries in the South." Dakar Agricole, Plenary Session, Dakar, Senegal, 4-5 February.
- De La Torre Ugarte, Daniel. 2005. "The Limits of Trade Liberalization in Agriculture and the search for an Alternative Framework to Benefit Countries in the South." Dakar Agricole, Dakar, Senegal, 4 February.
- De La Torre Ugarte, Daniel. 2005. "The New U.S. Agricultural Policy: How Free Markets Failed in Agriculture." Pre-Forum Paysan du Dakar Agricole, Dakar, Senegal, 2 February.
- Tiller, Kelly J. 2005. "U.S. Tobacco Quota Buyout: Implications for the Future." Invited presentation, Ontario Flue-Cured Tobacco Growers' Marketing Board Annual Meeting, Toronto, Ontario, Canada, 27 January.
- De La Torre Ugarte, Daniel. 2005. "The 'NEW' U.S. Agricultural Policy: How Free Markets Failed in Agriculture." Workshop on Mutually Supportive Agricultural and Trade Policies, Chapecó, Brazil, 19-23 January.
- De La Torre Ugarte, Daniel. 2005. "The Case for Supply Management: Corn in the USA." Workshop on Mutually Supportive Agricultural and Trade Policies, Chapecó, Brazil, 19-23 January.
- Ray, Daryll E. 2004. "Trade Liberalization Expectations and Other Issues." Agricultural Trade Liberalization and the Least Developed Countries, an H. E. Babcock Workshop organized by Cornell University, Wageningen University, and the African Economic Research Consortium, Wageningen University, The Netherlands, 3 December.
- Ray, Daryll E. 2004. "Will reductions in domestic supports in OECD countries actually raise crop prices in developing countries? If not, what would?" Agricultural trade liberalization and the least developed countries: How should they respond to developments in the WTO?, an H. E. Babcock Workshop organized by Cornell University, Wageningen University, and the African Economic Research Consortium. Wageningen University, Wageningen, Netherlands, 2-3 December.
- Tiller, Kelly J. 2004. "The U.S. Tobacco Buyout." Invited presentation at the International Tobacco Growers' Association 2004 Annual Meeting, Toronto, Ontario, Canada, 1 November.

- De La Torre Ugarte, Daniel. 2004. "Política Norteamericana de Subsidios Agrícolas en el Marco de las Negociaciones Comerciales." Universidad del Pacífico, Lima, Perú, 21 July.
- Tiller, Kelly J. 2004. "Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." Invited program, National Egg Producers Conference and CEMA Meetings, Québec City, Québec, Canada, 5 July.
- De La Torre Ugarte, Daniel. 2003. "Rethinking US Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." The South Centre. Geneva, Switzerland, 12 December.
- De La Torre Ugarte, Daniel. 2003. "North American Farm Subsidies and Worldwide Farm Income." UK Food Group. London, England, 10 December.
- De La Torre Ugarte, Daniel. 2003. "Domestic Supply Management Possibilities and International Repercussions: The Case of the USA." in Conference "Commodities' Prices and Supply Management". Brussels, Belgium, 9 December.
- Tiller, Kelly J. 2003. "Lessons Learned from the U.S. Agricultural Policy Experience." Invited program, "Pour une Nouvelle Organisation Mondiale des Agricultures," 10ème Congrès National de la Coordination Rurale, Auch, France, 25 November.
- De La Torre Ugarte, Daniel. 2003. "The "New" U.S. Agricultural Policy: How Free Markets Failed in Agriculture." Invited presentation, Americas Trade and Sustainable Development Forum. Miami, Florida, 16-19 November.
- De La Torre Ugarte, Daniel. 2003. "Rethinking U.S. Agricultural Policy Invited presentation, Americas Trade and Sustainable Development Forum. Miami, Florida, 16-19 November.
- De La Torre Ugarte, Daniel. 2003. "The Need for Supply Management in Agriculture: Applicability to the Case of Cotton." Invited presentation, First Gathering of European and West African producers, COAG. Seville, Spain, 7-8 November.
- Tiller, Kelly J. 2003. "Movement Toward Sustainable Agricultural Policies: Cooperative Policy Alternatives to Address the Farm Income Crisis." Invited program, "Moving Forward from Cancún: The Global Governance of Trade, Environment and Sustainable Development," Berlin, Germany, 30-31 October.
- De La Torre Ugarte, Daniel. 2003. "Rethinking U.S. Agricultural Policy." Invited presentation, Centro de Investigaciones Económicas, Sociales y Tecnológicas de la Agroindustria y de la Agricultura Mundial (CIESTAAM)." Universidad Autónoma Chapingo, Chapingo, México, 21 October.
- De La Torre Ugarte, Daniel. 2003. "Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." Invited presentation, International Conference on New Ways for the Sustainable Development of Mexico, El Colegio de Mexico, Programa Sobre Ciencia y Tecnología. México City, México, 20-21 October.
- De La Torre Ugarte, Daniel. 2003. "Impacts of NAFTA in the USA: Emphasis on Rethinking US Agricultural Policies." Invited presentation, Toward an Economic Integration and Agricultural Trade Based on Conditions of Equity, Mexico-U.S. Dialogue of Catholic Bishops, Mexico City, Mexico, 29 September – 1 October.

- De La Torre Ugarte, Daniel. 2003. "Rethinking U.S. Agricultural Policy." Invited presentation, European Parliament, Agricultural Staff. Brussels, Belgium, 18 September.
- De La Torre Ugarte, Daniel. 2003. "Rethinking U.S. Agricultural Policy: Implications for an International Supply Management framework." Invited presentation, International Working Group of Supply Management in Agriculture, CERI, Paris, France, 17 September.
- De La Torre Ugarte, Daniel. 2003. "Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." Invited presentation, Sustainable trade Symposium, Institute for Agriculture and trade Policies, Cancun, Mexico, 11 September.
- De La Torre Ugarte, Daniel. 2003. "US Agricultural Subsidies and Their Impact on Trade." Invited presentation, International Indigenous and Farmers Forum: Food Sovereignty, Via Campesina, Cancun, Mexico, 8 September.
- De La Torre Ugarte, Daniel. "Uncooperative Policy Instruments: Discovering Their Characteristics and Workings." Invited presentation, Seminar for Mutually Supportive Agricultural and Trade Policies, Dakar, Senegal, 19-21 May.

3. Presentations to Non-Government Organizations (NGO's) and Other Organizations

- Ray, Daryll E. 2013. "Design revisions of the Momagri Model." Pane/Board member, Scientific Council of the Momagri Model, Paris, France, 17 December.
- Ray, Daryll E. 2012. "Design revisions of the Momagri Model." Panel/Board member. Scientific Council of the Momagri Model, Paris, France, 26 October.
- De La Torre Ugarte, Daniel. 2010. "How could the U.S. and the Ag North respond to the ongoing Global Agricultural Challenges? Food Security and Agricultural Strategies: What Room for Multilateral Governance?" Madariga Foundation, Committee of the Regions, Room JDE 52, Brussels, Belgium, 17 November.
- De La Torre Ugarte, Daniel. 2010. "How to Set the Foundations for the Transformation of Agriculture. EcoFair Trade Conference: The new role of agricultural trade within the conflict area of the climate-, food- and economic crises." Beletage, Heinrich Böll Foundation, Berlin, Germany, 12 January.
- Ray, Daryll E. 2009. "Fostering an Efficient and Responsive Food Access Pipeline." Invited panelist, round table discussion, Financial Innovations Lab, Milken Institute, Washington, D.C., 21 July.
- De La Torre Ugarte, Daniel. 2009. "The Global Food Crisis: How to Overcome it and Set the Foundations for the Transformation of Agriculture." Presented at the International Conference and Roundtable The Global Food Crisis, one year on. How to achieve food security for all? Goethe Institute, Masarykovo Nabrezi 32, Prague 110 00, 4 March.
- De La Torre Ugarte, Daniel. 2009. "Role of Supply Management in an International Framework." Presented at the International Conference and Roundtable The Global Food Crisis, one year on. How to achieve food security for all? Goethe Institute, Masarykovo Nabrezi 32, Prague 110 00, 4 March.

- De La Torre Ugarte, Daniel. 2008. "Slow Trade - Sound Farming: A Multilateral Framework For Sustainable Markets In Agriculture." Presented at the Food Sovereignty vs. Free Trade Workshop, Heinrich Boell Foundation, Crowne Plaza, Beirut, Lebanon, 5-6 December.
- De La Torre Ugarte, Daniel and Sophia Murphy. 2008. "The Global Food Crisis: Creating an Opportunity for Fairer and More Sustainable Food and Agriculture Systems Worldwide." Presented at the Forum The Global Food Crisis: Time for a Fresh Look at Sustainable Agriculture Policy Alternatives, Carnegie Endowment for International Peace Thursday, Washington, D.C., 9 October.
- Ray, Daryll E. 2008. "Food Security in the 21st Century." A Chatham House International Conference, London, England, 7 October.
- De La Torre Ugarte, Daniel. 2008. "Food Security and Environmental Sustainability: Global Challenges and Opportunities." Presented at the Toward a New Global Social Contract Conference, Ford Foundation, New York City, NY, 19 June.
- De La Torre Ugarte, Daniel. 2007. "Role of Supply Management in an International Framework." Ecofair Trade Dialogue, Berlin, Germany, 24 April.
- De La Torre Ugarte, Daniel. 2006. "Mensajes Claves del Diálogo Ecofair Trade." Taller de Diálogo Regional, Teotihuacán, México, 16-18 de Octubre. **Translation:** "Key Messages Ecofair Trade Dialogue." *Dialogue Regional Workshop, Teotihuacan, Mexico, 16-18 October.*
- De La Torre Ugarte, Daniel. 2006. "Gestión de la Oferta." EcoFair Trade Dialogue, Taller de Diálogo Regional, Teotihuacán, México, 16-18 de Octubre. **Translation:** "Supply Management." *EcoFair Trade Dialogue, Dialogue Regional Workshop, Teotihuacan, Mexico, 16-18 October.*
- De La Torre Ugarte, Daniel. 2006. "Keynote Speech." Conference on Sustainable Criteria for Bioenergy. Organized by the United Nations Foundation and the German NGO Forum on Environment and Development. Bonn, Germany, 12-13 October.
- De La Torre Ugarte, Daniel. 2006. "Opportunities and Challenges of Expanding Agriculture's Contribution to the Energy Supply." Building Sustainable Futures for Farmers Globally. Workshop organized by the Institute for Agriculture and Trade Policy, Madison, Wisconsin, 14 August.
- De la Torre Ugarte, Daniel. 2006. "Gestión de la Oferta." Ecofair Trade Dialogue, Consulta Regional en América del Sur, Curitiba, Brasil, 7 -8 Agosto. **Translation:** "American Farm Subsidy Policy in the Framework for Trade Negotiations." *University of the Pacific "Supply Management." Ecofair Trade Dialogue, Regional Con- sultation in South America, Curitiba, Brazil 7-8 August.*
- De La Torre Ugarte, Daniel. 2006. "Supply Management as Core of a Multilateral Framework for Agricultural Trade." The Role of Subsidies as a Means to Promote Sustainable Development. Workshop organized by World Wild Fund, and the Getulio Vargas Foundation, School of Law, Sao Paulo, Brazil, 12-14 June.
- De La Torre Ugarte, Daniel. 2006. "Agricultural Trade and Sustainability: Beyond Subsidies." The Role of Subsidies as a Means to Promote Sustainable Development.

Workshop organized by World Wild Fund, and the Getulio Vargas Foundation, School of Law, Sao Paulo, Brazil, 12-14 June.

De La Torre Ugarte, Daniel. 2005. "The Need for International Supply Management." An NGO Policy Dialogue, organized by the Présidence Luxembourgeoise du Conseil de l'Union européenne, Luxembourg, Luxembourg, 10 May.

Ray, Daryll E. 2005. *Critique of Agricultural Policy and Finding New Directions*", Daryll E. Ray, Harwood D. Schaffer World Trade Organization NGO Conference, Geneva, Switzerland, 20-21 April.

Domestic:

1. Farm Policy/Business Conference Presentations

Ray, Daryll E. and Harwood D. Schaffer. 2013. "Time for a Reality Check." Mid-South Agricultural Finance Conference, Martin, TN, 7 August.

Ray, Daryll E. 2012. "What Does the Current Farm Bill Mean to You?" Grain Marketing Seminar - Penn State Extension, Leesport, PA, 11 December.

Ray, Daryll E. 2011. "2012 Farm Bill: Will Current Premises Match the Reality of the Future." 2012 Farm Bill: Issues and Challenges, Organized by U.S. Senator Kent Conrad and North Dakota State University, Fargo, ND, 7 November.

Ray, Daryll E. 2010. "US Export Expectations and Policy Options in the Global Economy." Kentucky Agricultural Leadership Program, Lexington, KY, 14 December.

De La Torre Ugarte, Daniel, Chad Hellwinckel, Burton English, Tristram West, Kim Jensen, Jamey Menard, and Chris Clark. 2010. "Analysis of the Implications of Climate and Energy Legislation to the Agricultural Sector." American Farm Bureau Federation, Briefing, Washington, D.C., 23 June.

Schaffer, Harwood D. 2009. "Food: Free Trade and Coercive Exchange." Food Reserves Working Group, Washington, D.C., October.

Ray, Daryll E. 2009. "Global Protein Outlook and Other Stuff." The Purchasing and Ingredients Suppliers Conference, Sandestin, FL, 12 March.

Tiller, Kelly J. 2008. "The UT Biofuels Initiative: From Grow to Go." Invited presentation, Planting Seeds for the Future: West Tennessee Alternative Crops Conference, Memphis, TN, 13 November.

Tiller, Kelly J. 2008. "The UT Biofuels Initiative: Development of a Commercial Scale Switchgrass Program." Invited presentation, Planting Seeds for the Future: West Tennessee Alternative Crops Conference, Memphis, TN, 12 November.

De La Torre Ugarte, Daniel. 2008. "Biofuels, Food Security and Environmental Sustainability: Global Challenges and Opportunities." Presented at the The Politics of Food Conference, North Carolina State University, Raleigh, NC, 22-24 September.

De La Torre Ugarte, Daniel. 2008. "The Energy Bill, Biofuel Markets and the Implications for Agriculture." Presented at the Eleventh Annual Agriculture Outlook and Policy

- Conference, University of Maryland, College Park, Center for Agricultural & Natural Resource Policy, Chesapeake College, Wye Mill, MD, 21 February.
- Ray, Daryll E. 2007. "High Prices and the 2007 Farm Bill." Ag Outlook for the Henderson County Cooperative Extension, University of Kentucky, College of Agriculture, Lexington, KY, 17 July.
- Ray, Daryll E. 2007. "Farm Policy Confusion and Agriculture's Euphoria." Cotton Economics Research Institute 7th Annual Research/Extension Symposium. Cotton Economics Research Institute, Texas Tech University, Lubbock, TX, 11 April.
- Ray, Daryll E. 2007. "A New Era for Agriculture." Fourth Annual Water Law, Policy and Science Conference: "The Future of Water Use in Agriculture", Lincoln, NE, 26 March.
- Ray, Daryll E. 2006. "2007 Farm bill: Revolutionary or More of the Same?" MidSouth Agricultural Finance Conference, Martin, TN, 2 August.
- English, Burton and Daniel De La Torre Ugarte. 2006. "Estimated Economic Impacts if the United States Produces Cellulosic Ethanol." Conference on Cellulosic Ethanol Opportunities and Challenges, 10 August.
- De La Torre Ugarte, Daniel. 2006. "Opportunities and Challenges of Expanding Agriculture's Contribution to the Energy Supply." Sustainability in the Balance: Juggling Environmental Health, Economic Profitability and Social Equity in the Global Food System, Conference organized by the Friedman School of Nutrition Science and Policy, Tufts University, Boston, MA, 11 April.
- English, Burton and Daniel De La Torre Ugarte. 2006. "25x'25 Impact on Agriculture." 2nd National Ag and Forestry Renewable Energy Summit, Washington D.C., 8 March.
- Ray, Daryll E. 2006. "Farm Policy: Where Do We Go From Here?" 2006 AgOutlook Conference, LSU AgCenter, LOD Cook Conference center, Baton Rouge, LA, 27 January.
- Ray, Daryll E. 2005. "Farm Legislation: Why Does It Exist?" 21st Century Farm Policy: Challenges and Opportunities, North Dakota State University, Fargo, ND, 31 October.
- Ray, Daryll E. 2005. "Policy and the Structure of Agriculture and Rural Communities." Agricultural Policy Summit, Scheman Center, Iowa State University, Ames, IA, 7 July.
- Ray, Daryll E. 2005. "An Economic Analysis of the 2002 Farm Bill." Agricultural Policy Summit, Scheman Center, Iowa State University, Ames, IA, 6 July.
- English, Burton, Jamey Menard, Daniel De La Torre Ugarte, Chad Hellwinkel, and Marie Walsh. 2005. "Estimated Economic Impacts on the Agricultural Sector and the Nation's Economy of Supplying Feedstock to an Energy Sector." 27th Symposium on Biotechnology for Fuels and Chemicals, Denver, CO, 1-4 May.
- Ray, Daryll E. 2005. "Farm Bill Debate: Issues and Alternatives." Michigan Agri-Business Association Winter Conference, Lansing Center, Lansing, MI, 11 January.
- Ray, Daryll E. 2004. "Agricultural Policy." Third Butler/Cunningham Conference on Agriculture and the Environment, Embassy Suites, Montgomery, AL, 8 November.
- De La Torre Ugarte, Daniel and Chad Hellwinckel. 2004. "Commodity and Energy Policies under Globalization." Paper presented at the Agricultural Competitiveness and Change

- under Globalization Conference, organized by the Center for Agricultural Policy and Trade Studies (North Dakota State University) and the Freeman Center for International Economic Policy (University of Minnesota), Fargo, ND, 11-12 October.
- Ray, Daryll E. 2004. "Economics, Politics, and the Farm Outlook." Farm Credit Services of Mid America Conference, Louisville, KY, 13 July.
- De La Torre Ugarte, Daniel. 2004. "The Economic Competitiveness of, and Impacts on the Agricultural Sector, of Bioenergy Crop Production." Agriculture as a Producer and Consumer of Energy Conference, Farm Foundation and USDA's Office of Energy Policy and New Uses, Arlington, VA, 24-25 June.
- Ray, Daryll E. 2003. "Impact of 2002 Farm Bill on Farm Decision Making." UT Outlook Conference, Jackson, TN, 3 December.
- De La Torre Ugarte, Daniel. 2003. "The "New" U.S. Agricultural Policy: How Free Markets Failed in Agriculture." Invited presentation, Americas Trade and Sustainable Development Forum, Miami, FL, 16-19 November.
- De La Torre Ugarte, Daniel and Kelly Tiller. 2003. "Rethinking U.S. Agricultural Policy." Invited presentation, joint American Corn Growers Association and National Farmers Union meeting, Southern States Cooperative Annual Meeting, Birmingham, AL, 14 August.
- Ray, Daryll E. 2003. "U.S. Farm Policy and World Ag Trade: Implications for U.S. Agriculture." Midwest/Great Plains/Western Outlook Conference, Indianapolis, IN, 14 August.
- Ray, Daryll E. 2003. "Implications of the 2002 Farm Bill." 2003 ASU Agriculture Business Conference, Arkansas State University, Fowler Center, Jonesboro, AK, 19 February.
- Ray, Daryll E. 2003. "Farm Policy and World Trade Issues." 2003 National Farm and Ranch Management, Education Association National Conference, Minot, ND, 9 June.
- Ray, Daryll E. 2003. "Agriculture in 2010: The Impact of the Farm Bill." The Michigan Agri-Business Association Winter Conference, Lansing, MI, 13 January.
- Ray, Daryll E. 2002. "Economic consequences of alternative policies." Presented at the Future of Iowa Agribusiness Meeting, Ames, IA, 8 April.
- Ray, Daryll E. 2001. "1996 Farm Bill: A Pattern for Future Legislation or Failed Experiment." The 2002 Farm Bill: Issues and Alternatives Conference, Fargo, ND, 29 October.
- Ray, Daryll E. 2001. "World Trade and Agricultural Policy: Where Have We Been and Where Are We Going?" The Forum on Agricultural Policy and the World Trade Policy, Baton Rouge, LA, 4 October.
- Ray, Daryll E. 2001. "Freedom to Farm: What It Did and Didn't Do." Michigan Agri-Business Association, Lansing, MI, 9 March.
- De La Torre Ugarte, Daniel and Daryll Ray. 2000. "Analytical capabilities of the POLYSYS Modeling Framework." Presented at the workshop on Exploring Alternatives for Integrated Modeling of Farm Policy Options, a workshop hosted by the Economic Research Service Next Generation of Farm Policy Initiative, in conjunction with Purdue

University and The University of Tennessee, supported by the Farm Foundation. Washington, D.C., 15 June.

- Ray, Daryll E. 2000. "Preliminary Analysis of a Farm Storage Program." Ray, Daryll E., Daniel G. De La Torre Ugarte, and Kelly J. Tiller. Workshop on Exploring Alternatives for Integrated Modeling of Farm Policy Initiatives, Washington, D.C., 15 June.
- Ray, Daryll E. 1999. "Stochastic Projections for U.S. Agriculture." Annual Baseline Conference, Food and Agriculture Policy Research Institute, Kansas City, MO, 14-15 January.
- Ray, Daryll E. 1996. "The 1996 Farm Bill: Implications for Farmers, Families, Consumers and Rural Communities, What does it All Mean?" 1996 National Public Policy Education Conference, Providence, RI, 15-18 September.
- Ray, Daryll E. 1995. "The Role of Farm Programs in 21st Century Agriculture." The Humphrey Institute Policy Briefing, Minneapolis, MN, 28 August.
- Ray, Daryll E. 1995. "The 1995 Farm Bill: Background and Alternatives." The Quinstate Economic Development Conference, Memphis, TN, 6-7 April.
- Ray, Daryll E. 1993. "Supply Control: An Alternative to The 1985 Farm Bill Philosophy?" The Ohio State Farm Policy Conference, Columbus, OH, 5 March.

2. Farm Organization Presentations

- Ray, Daryll E. and Harwood D. Schaffer. 2014. "Preparing for the Future." Illinois Farmers Union 60th Annual Conference, Alton, IL, 1 February.
- Ray, Daryll E. and Harwood D. Schaffer. "Safety Net: Going, Going, Gone." Nebraska Farmers Union Annual Conference, Grand Island, NE.
- Schaffer, Harwood D. 2013. "Defensible principles on which to build a farm bill." National Farmers Union Annual Meeting, Springfield, MA, 3 March.
- Ray, Daryll E. 2012. "MDIS - Fundamental Mechanics of How MDIS Works." NFU - Staff, Washington, D.C., 13 March.
- Schaffer, Harwood D. 2013. "Defensible principles on which to build a farm bill." Texas Farmers Union 111th Annual Meeting, Abilene, TX, January.
- Ray, Daryll E. 2012. "A Market Directed Inventory System (MDIS)." National Farmers Union 110th Anniversary Convention, Omaha, NE, 5 March.
- Ray, Daryll E. 2012. "The Economic and Political Setting for 2012 Farm Bill." National Farmers Organization Convention, Des Moines, IA, 31 January.
- Schaffer, Harwood D. 2012. "2012 Farm Bill — 'Its Déjà Vu All Over Again'." Texas Farmers Union 110th Annual Meeting, San Antonio, TX, January.
- Ray, Daryll E. 2011. "Farmer-Owned Reserve Study." 2011 National Farmers Union Fall Fly-in, Washington, D.C., 12 September.
- Ray, Daryll E. 2011. "New Directions for Agricultural Policy." Farm Bureau Farm Policy Forum, Washington, D.C., 15 April.

- Ray, Daryll E. 2011. "Commodity Policy: Is This What We Signed Up For?" 2011 National Farmers Union Annual Meeting, San Antonio, TX, 14 March.
- Schaffer, Harwood D. 2011. "2012 Farm Bill and Other Issues." Texas Farmers Union 109th Annual Meeting, Dallas, TX, January.
- Ray, Daryll E. 2010. "2012 FB Prospects, Challenges, & Options." Nebraska Farmers Union's 97th Annual State Convention, Grand Island, NE, 4 December.
- Ray, Daryll E. 2010. "Proposed GIPSA Rule: Highlights." Nebraska Farmers Union's 97th Annual State Convention, Grand Island, NE, 3 December.
- Ray, Daryll E. 2010. "US Agriculture: Economic Realities and Policy Prospects." North Dakota Farmers Union 84th Convention, Minot, ND, 20 November.
- Ray, Daryll E. 2010. "U.S. Agriculture in a Global Setting." 2010 National Farmers Union Convention, Rapid City, SD, 15 March.
- Schaffer, Harwood D. 2010. "Agricultural Issues of Importance to Farmers." Texas Farmers Union 108th Annual Meeting, Abilene, TX, January.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, Burton English, Kim Jensen, Christopher Clark, and Tristram West. 2009. "Analysis of the Implications of Climate Change to the Agricultural Sector." Briefing to the American Farm Bureau Federation, Washington D.C., 11 November.
- Schaffer, Harwood D. 2009. "Check the Data." Texas Farmers Union 107th Annual Meeting, Abilene, TX, January.
- Ray, Daryll E. 2009. "Current vs. Long-term Challenges for Agriculture." Kansas Farmers Union Annual Convention, Hutchinson, KS, 9 January.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Blount County Farm Bureau Annual Meeting, Maryville, TN, 20 November.
- Jackson, Samuel and Kelly J. Tiller. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Sevier County Farm Bureau Annual Meeting, Sevierville, TN, 15 July.
- Schaffer, Harwood D. 2008. "Farm Bill Discussions in Times of High Prices." Missouri Farmers Union, Moberly, MO, January.
- Tiller, Kelly J. 2007. "Biofuels Initiative Update: Opportunities for Farmers." Invited Presentation, Tennessee Farm Bureau Federation Annual Convention, Franklin, TN, 3 December.
- Tiller, Kelly J. 2007. "The Tennessee Biofuels Initiative." Invited presentation, Tennessee Farm Bureau Annual Presidents Conference, Franklin, TN, 9 August.
- Ray, Daryll E. 2007. "Farm Policy During the Ethanol Era." Western Wisconsin Ag Lenders Conference, Menomonie, WI, 11 January.
- Tiller, Kelly J. 2007. "The Tennessee Biofuels Initiative." Invited presentation, Tennessee Farm Bureau Annual Women's Conference, Columbia, TN, 22 June.
- Ray, Daryll E. 2007. "Designing a Farm Bill While Under the Influence of Euphoria." 105th National Farmers Union Anniversary Convention, Orlando, FL, 4 March.

- Schaffer, Harwood D. 2007. "Building a New Farm Bill for Rural America." Texas Farmers Union, Dallas, TX, January.
- Ray, Daryll E. 2007. "Common Sense Farm Policy." National Farmers 2007 Convention, Moline, IL, 17 January.
- Ray, Daryll E. 2006. "Farmer-Oriented Farm Policy." Champaign County Farm Bureau, Champaign, IL, 26 July.
- Ray, Daryll E. 2006. "Farmer-Oriented Farm Policy." Illinois Farm Credit Services Directors Conference, East Peoria, IL, 22 February.
- Ray, Daryll E. 2006. "Re-establishing a Farmer-Oriented Vision of Farm Policy." Ohio Farmers Union Convention, Dublin, OH, 3 February.
- Ray, Daryll E. 2006. "Looking Toward the New Farm Bill." Texas Farmers Union 104th Annual Convention, San Antonio, TX, 28 January.
- Ray, Daryll E. 2006. "Traditional Farm Bill Mission: It Is Neither Impossible Nor Changed." American Agriculture Movement Annual Convention, Oklahoma City, OK, 7 January.
- Ray, Daryll E. 2005. "Back to Basics: A Farmer-Oriented Farm Bill." McLean County Farm Bureau, Bloomington, IL, 17 November.
- Schaffer, Harwood D. 2005. "Agricultural Policy" Promises and Reality." Michigan State National Farmers Organization Convention, August.
- Ray, Daryll E. 2005. "Farm Policy Perspectives and Possibilities." North Dakota Farm Bureau District Representatives, Bismarck, ND, 22 June.
- Ray, Daryll E. 2005. "Agricultural Policy Based on Realities." Illinois Farmers Union 51st State Convention, Springfield, IL, 4 February.
- Schaffer, Harwood D. 2005. "Agricultural Policy: The Future." Texas Farmers Union, Abilene, TX, January.
- Schaffer, Harwood D. 2004. "Agricultural Policy: Where Do We Go From Here?" Michigan Farmers Union, Lansing Michigan, December.
- Ray, Daryll E. 2004. "On Developing a New Vision for Agricultural Policy." American Farm Bureau Federation, Making American Agriculture Productive and Profitable (MAAPP) Conference, Fargo, ND, 27 September.
- Ray, Daryll E. 2004. "Current and Alternative Farm Policy Approaches." Indiana Farmers Union Annual Meeting. Columbus, IN, 7 February.
- Ray, Daryll E. 2004. "Addressing Domestic and International Farm Problems." North Dakota Farmers Union Board of Governors, Jamestown, ND, 11 February.
- Ray, Daryll E. 2004. "Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." Indiana Farmers Union Convention, Columbus, IN, 7 February.
- Ray, Daryll E. 2004. "Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." Missouri Farmers Union, Columbia, MO, 30 January.

- Ray, Daryll E. 2003. "Farm Policy for Farmers around the Globe: Are Subsidies the Cause or the Result of Low Crop Prices?" Nebraska Farmers Union, Grand Island, NE, 19 September.
- Ray, Daryll E. and H. D. Schaffer. 2003. "Food Security, Food Sovereignty and Agricultural Profitability." National Farmers Union Board of Directors, Washington, D.C., 7 September.
- Ray, Daryll E. 2001. "The Next Farm Bill: An Examination of Potential Production, Price and Income Trends under Current Policies." Tennessee Farm Bureau Federation, President's Conference, general session, Franklin, TN, 11 August.
- Ray, Daryll E. 2001. "1996 Farm Bill: What Happened? What's Next?" The Michigan Farm Bureau Policy Forum, at the Forum on Agricultural Policy and the Impact of Trade Agreements on Michigan Agriculture, Escanaba and Gaylord, MI, 30 July.
- Ray, Daryll E. 2000. "Ag Outlook Forum-The Future of Agriculture-Beyond 2000." National Farmers Organization, Minneapolis, MN, 19 January.
- Ray, Daryll E. 1999. "Déjà Vu, All Over Again." National Farmers Union, Legislative Committee Strategic Planning Session on the Future of Agriculture, Washington, D.C., 1 November.
- Ray, Daryll E. 1999. "Agricultural Financial Impacts and Risk Strategies for Tennessee." Slinsky, Stephen P. and Daryll E. Ray. Tennessee Farm Bureau Federation, Columbia, TN, 27 May.
- Tiller, Kelly J. 1999. "Potential Impacts of Proposed FQPA Implementation: The Tennessee Case." Invited presentation, Board of Directors Meeting, Tennessee Farm Bureau Federation, Nashville, TN, 1 April.
- Ray, Daryll E. 1999. "Potential Economic Impacts of Proposed Food Quality Protection Act Rules: Preliminary Estimates." Ray, Daryll E., Daniel G. De La Torre Ugarte, and Kelly J. Tiller. Tennessee Farm Bureau Federation, Columbia, TN, 10 February.
- Ray, Daryll E. 1998. "Freedom to Farm or Freedom to Fail?" Kentucky Farm Bureau Annual Meeting, Louisville, KY, 10 December.
- Ray, Daryll E. 1998. "Freedom to Farm: Can the Market Deliver as We Head to the 21st Century?" Ray, Daryll E. and James W. Richardson. The American Farm Bureau Annual Convention, Charlotte, NC, 12 January.
- Ray, Daryll E. 1995. "Impacts of the National Farmers Union Proposal on U.S. Agriculture." Ray, Daryll E. and Daniel G. De La Torre Ugarte. The National Farmers Union Board of Directors Meeting, Washington, D.C., 14 September.
- Ray, Daryll E. 1995. "Modeling of Options for the 1995 Farm Bill." The National Farmers Union, Farmers Education Foundation Board of Directors Meeting, Washington, D.C., 21 June.
- Ray, Daryll E. 1994. "Agricultural Policy: Rhetoric vs. Reality." The Ohio Farmers Union Annual Meeting, Columbus, OH, 4 February.

3. Commodity Organization Presentations

- Ray, Daryll E. and Harwood D. Schaffer. "The Agricultural Act of 2014 and Agricultural Prospects." Tennessee Grain and Soybean Producers Conference. Dyersburg, TN, February 6, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. 2013. "Challenges and Trends Facing Cattlemen." Independent Beef Association of North Dakota. Bismarck, ND, October.
- De La Torre Ugarte, Daniel. 2012. "First Annual Policy Summit Roundtable." American Corn Institute. Chicago, IL, 3-4 February.
- Ray, Daryll E. 2010. "Addressing Future Global Food Needs and Current Livestock Issues." Tennessee Cattlemen's Association, Murfreesboro, TN, 12 January.
- De La Torre Ugarte Daniel, Chad Hellwinckel, Burton English, Kim Jensen, Christopher Clark, and Tristram West. 2009. "Analysis of the Implications of Climate Change to the Agricultural Sector." Briefing to the National Cattlemen's Beef Association, Washington D.C., 11 November.
- Ray, Daryll E. 2009. "Current Crisis Will End But What About the Long Run: Will "Trade Access" Lead Ag to the Promised Land?" Louisiana Rice Council and Louisiana Rice Growers Association 2009 Joint Annual Meeting, Crowley, LA, 28 January.
- Ray, Daryll E. 2009. "Export-Based Prosperity for U.S. Crop Agriculture: Long Promised; Will it Happen?" American Corn Growers Association, Coralville, IA, 15 January.
- Ray, Daryll E. 2007. "*Farm Policy for the Long Haul*." 20th Anniversary Convention for the American Corn Growers Association, Moline, IL, 19 January.
- De La Torre Ugarte, Daniel. 2006. "Facing Toward the New Farm Bill." American Corn Growers Association 14th Annual Convention, Anaheim, CA, 3 February.
- Ray, Daryll E. 2006. "The State of Tennessee and U.S. Crop Agriculture as the New Farm Bill Approaches." Soybean Promotion Board, Gatlinburg, TN, 18 January.
- Ray, Daryll E. 2005. "All Tradable Products (Food, Thumb Tacks) Are Equal to WTO." 22nd Annual International Sweetener Symposium, "Trade Liberalization: Confidence or Chaos for America's Sugar Farmers?" Sun Valley Resort, Sun Valley, ID, 8 August.
- De La Torre Ugarte, Daniel. 2005. "An Agricultural Policy Based on Realities." 13th Annual Convention American Corn Growers Association, Corpus Christi, TX, 12 February.
- De La Torre Ugarte, Daniel. 2004. "Bioenergy Dedicated Crops as Alternative to Traditional Set Aside Programs." National Convention, American Corn Growers Association, Reno, NV, February.
- Ray, Daryll E. 2004. "Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." American Corn Growers Association Convention, Reno, NV, 6 February.
- Ray, Daryll E. 2004. "COOL and Policy Issues Affecting the U.S. Cattle Industry." R-CALF Annual Meeting, Denver, CO, 22 January 22, 2004.

- Ray, Daryll E. 2003. "U.S. Farm Programs and World Trade." 2003 Commodity Classic, American Soybean Association and National Corn Growers Association, Charlotte, NC, 1 March.
- Ray, Daryll E. 2003. "Legacy of the New Farm Policy Direction." American Corn Growers Association, 10th Annual Convention, Charleston, SC, 1 February.
- Ray, Daryll E. 2001. "Freedom to Farm: A Comparison of What We Were Told to Expect and What Happened." American Corn Growers Association Annual Convention, San Antonio, TX, 2 February.
- Ray, Daryll E. 1999. "Freedom to Farm: Great When it is not Needed, Falls Short When it is?" American Corn Growers Association Annual Convention, Nashville, TN, 5 February.
- Tiller, Kelly J. 1999. "Profitability of Soybeans and Other Crops on Tennessee Farms." Invited presentation, Tennessee Soybean Promotion Board Annual Meeting, Pigeon Forge, TN, 14 January.
- Ray, Daryll E. 1999. "Outlook for Soybeans in 1999." Tennessee Soybean Promotion Board, Pigeon Forge, TN, 13 January.
- De La Torre Ugarte, Daniel. 1998. "Soybeans in an International Market." Presented to the Tennessee Soybean Promotion Board, Pigeon Forge, TN, 7 January.
- Ray, Daryll E. 1997. "U.S. & Tennessee Cattle Trends: Gazing Into the Future." Tennessee Cattlemen Association Meeting, Martin, TN, 25 November.
- Ray, Daryll E. 1993. "U.S. and Tennessee Soybean Markets in the 1990s." The Tennessee Soybean Promotion Board Meeting, Knoxville, TN, 30 November.
- Ray, Daryll E. 1992. "Tennessee Soybeans in World Markets - Recent Experience and Future Prospects." Presentation given at Annual Meeting of Tennessee Soybean Promotion Board Council, Jackson, TN, 17 February.
- Ray, Daryll E. 1991. "Soybean Markets in the 1990s." Presented to Tennessee Soybean Promotion Board Meeting, Knoxville, TN, 26 November.

4. Non-Government Organization (NGO) Presentations

- Ray, Daryll E. and Harwood D. Schaffer. 2013. "False Premises Encourage Misdirected Farm Policies" Organization for Competitive Markets 15th Annual Food and Agriculture Conference, Kansas City, MO, August.
- Hellwinckel, Chad M. 2013. "Sustainable Agriculture: What does it look like?" World Food Day Potluck, UT OXFAM, University of Tennessee, Knoxville, TN, 21 November.
- Hellwinckel, Chad M. 2013. "Accomplishments and Protocol of the Knoxville Food Policy Council." Food Policy Council Convening, ChangeLab Solutions sponsored convention, Chicago, IL. 12-14 November.
- Hellwinckel, Chad M. 2012. "Is the Price Right? Understanding the economics of healthy food for consumers and farmers." Webinar sponsored by the Healthy Farms, Healthy People Coalition, 2 August.

- De La Torre Ugarte, Daniel. 2012. "US Farm Policy and The Right to Food. Working Meeting on the Right to Food." Center for a Livable Future, Johns Hopkins Bloomberg School of Public Health. Baltimore, MD, 30 November.
- Ray, Daryll E. 2010. "Importance of Tennessee Agriculture." Tennessee Farmland Legacy Conference, Pigeon Forge, TN, 11 November.
- Ray, Daryll E. 2010. "Proposed GIPSA Rule: Highlights." Organization of Competitive Markets Annual Meeting, Omaha, NE, 10 August.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, Burton English, Tristram West, Kim Jensen, Jamey Menard, and Chris Clark. 2010. "Analysis of the Implications of Climate and Energy Legislation to the Agricultural Sector." American Farm Bureau Federation, Briefing, Washington, D.C., 23 June.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, Burton English, and Tristram West. 2010. "Impacts on Land Use and GHG From Energy/Climate Policies." Wood-to-Energy Roadmap: Carbon Workshop, The Nature Conservancy, Arlington, VA. 1-2 April.
- De La Torre Ugarte, Daniel and Chad Hellwinckel. 2009. "The Role of Biofuels in the Transformation of Agriculture." The Economics of Alternative Energy Sources and Globalization: The Road Ahead, Orlando, FL, 15-17 November.
- Ray, Daryll E. 2009. "The Need for and Challenges of Food Reserves." Hosting and presenting. Food Reserves: Facing the Hunger Challenge cosponsored by the Institute for Agriculture and Trade Policy and ActionAid, Washington, D.C., 14 October.
- Ray, Daryll E. 2009. "Why Have Exports Not Been Agriculture's Key to Riches?" National Family Farm Coalition, Washington, D.C., 9 February.
- Ray, Daryll E. 2009. "Tax Reform: Making it Work for Farmers, Union Households, and Smaller Manufacturers." Invited Panelist, Coalition for a Prosperous America Issues Forum, Washington, D.C., 30 January.
- Ray, Daryll E. 2009. "WTO is the Key to Trade-Based Prosperity for U.S. Crop Agriculture." Coalition for a Prosperous America, Twelfth CPA Issues Forum, Washington, D.C., 7 January.
- Ray, Daryll E. 2008. "The Tricky Thicket of Subsidy Issues." Public Citizen's Global Trade Watch and the Wallace Foundation, Washington, D.C., 18 December.
- Ray, Daryll E. 2006. "Panel Member" Invited to serve on a Panel at the National Conference for the Organization of Competitive Markets entitled "Free Trade and Globalization, American Opportunity or Risk to Economy and security?" Colorado Springs, CO, 15-17 November.
- Ray, Daryll E. 2006. "Policy Realities." Organization for Competitive Markets 2006 Food and Agriculture Conference, Omaha, NE, 21 July.
- De La Torre Ugarte, Daniel. 2006. "Opportunities and Challenges of Expanding Agriculture's Contribution to the Energy Supply." Sustainable Agriculture and Food System Founders, 4th Annual Forum, Portland, ME. 26 June.
- Ray, Daryll E. 2006. "From the Heartland: Agriculture's Role in Ending Hunger." America's Second Harvest National Symposium, Washington, D.C., 5 June.

- Walsh, Marie, Burton English, Daniel De La Torre Ugarte, Richard Nelson, Chad Hellwinckel, and Jamey Menard. 2005. "Economic Impacts of Competing Uses of Biomass for Bioenergy and Bioproducts." A Roundtable organized by Friends of the Earth and the National Wildlife Federation, Washington, D.C., 3 November.
- De La Torre Ugarte, Daniel. 2005. "Refueling the WTO AoA: The Role of Bioenergy." The Search for Common Ground: Making Agriculture Policy Work for Small Farmers, Development and the Environment." A Roundtable organized by Friends of the Earth and the National Wildlife Federation, Washington, D.C., 3 November.
- De La Torre Ugarte, Daniel. 2005. "From Free Trade to Food Sovereignty." Annual Meeting of the Organization for Competitive Markets, Omaha, NE, 12 August.
- Ray, Daryll E. 2005. "A New Vision for Agricultural Policy." Workshop for the National Family Farm Coalition, Washington, D.C., 30 January.
- Tiller, Kelly J. 2004. "Dark Tobacco Situation and Outlook." Invited presentation, U.S. Smokeless Tobacco Leadership Conference, Las Vegas, NV, 6 December.
- Tiller, Kelly J. 2004. "Agricultural Policy: Trends, Considerations, and Alternatives." Invited presentation, U.S. Smokeless Tobacco Leadership Conference, Las Vegas, NV, 6 December.
- Ray, Daryll E. 2003. "Farm Policy Options for Farmers in the U.S. and the World." National Farm and Rural Summit, Sponsored by the League of Rural Voters, Des Moines, IA, 15 November.
- Ray, Daryll E. 2003. "US Agricultural Policy and Worldwide Farmer Livelihood." National Association of Farm Broadcasters, Kansas City, MO, 13 November.
- De La Torre Ugarte, Daniel. 2003. "Rethinking U.S. Agricultural Policy." Invited presentation, National Family Farm Coalition, Boar Meeting. Des Moines, IA, 2 August.
- Ray, Daryll E. and Harwood Schaffer. 2003. "Developing an Alternative to the Chicago Schools." Organization for Competitive Markets, 2003 Food and Agriculture Conference, Kansas City, MO, 25 July.
- Ray, Daryll E. 2003. "The Great Pretender: Crop Agriculture's Devotion to International Trade." Organization for Competitive Markets, 2003 Food and Agriculture Conference, Kansas City, MO, 25 July.
- De La Torre Ugarte, Daniel. 2004. "The Intersection of US Farm Policy and International Policy." Common Ground Scoping Meeting, Oxfam America, Washington, D.C., 28 June.
- Schaffer, Harwood D. 2004. "Food Security and Food Sovereignty." Agriculture, Food and Human Values Society Annual Meeting, June.
- Schaffer, Harwood D. 2003. "Deconstructing New Classical Economic Theory: Establishing foundational principles upon which a New Social Contract can be built." Agriculture, Food and Human Values Society Annual Meeting, June.
- De La Torre Ugarte, Daniel. 2003. "Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." Invited presentation, First Hemispheric Gathering of Small Producers, Oxfam-America. Antigua, Guatemala, 5-9 April.

- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller. 2003. "U.S. Farm and Trade Policies: A Farmer-Oriented Agriculture Policy." Invited presentation, Oxfam American Commodities Meeting, Washington, D.C., 5 March.
- De La Torre Ugarte, Daniel. 2004. "Rethinking US Agricultural Policy: Recent Research on the 2002 Farm Bill and Its Impact." 6th Annual Meeting, National Campaign for Sustainable Agriculture. Washington, D.C., 29 February.
- Ray, Daryll E. 2002. "Understanding the 2002 Farm Bill." Presented at the Southern Appalachian Man and the Biosphere (SAMAB) Fall Conference, Gatlinburg, TN, 5 November.
- Ray, Daryll E. 2002. "Economic consequences of alternative policies." Presented at the OCM Organization for Competitive Markets Conference, Omaha, NE, 16 August.
- Tiller, Kelly J. 2001. "Report on the Recommendations of The President's Tobacco Commission." Invited presentation, Greater Knoxville Coalition on Smoking or Health, Knoxville, TN, 14 August.
- Tiller, Kelly J. 2002. "Farmland Conservation: Agricultural Policy Considerations." Invited presentation at the Land Trust Alliance Southeast Conference, Chattanooga, TN, 11 May.
- Ray, Daryll E. 1991. "International Aid - Economics and Misconceptions." Presented at World Food Day Conference, Knoxville, TN, 16 October.

5. Professional/Industry/Community Group Presentations

- Ray, D. E. 2013. Global Grain Trade Conference, Panel Discussion. Chicago, IL 21 June.
- Ray, Daryll E. and Harwood D. Schaffer. 2012. "The 2012 Corn Predicament." United Food and Commercial Workers National Packing Meeting, Chicago, IL, 15 August.
- De La Torre Ugarte, Daniel. 2012. "Data and Uses of the POLYSYS Modeling System." IBSS Task 4 Modeling Workshop, Southern Partnership for Integrated Biomass Supply Systems, 15 May.
- Ray, Daryll E. 2011. "2012 Farm Bill Setting and Agriculture's Economic Realities." National Society of Accountants for Cooperatives, 2011 Annual Meeting of the South Atlantic Chapter, Asheville, NC, 14 June.
- Ray, Daryll E. 2011. "Tennessee's Agricultural and Natural Resources: An Ever Changing Dynamic." 67th Annual Meeting Tennessee Association of Conservation Districts, Nashville, TN, 28 January.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, Burton English, Tristram West, Kim Jensen, Jamey Menard, and Chris Clark. 2010. "Analysis of the Implications of Climate and Energy Legislation to the Agricultural Sector." National Alliance of Forest Owners, Briefing, Washington, D.C., 24 June.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, and Burton English. 2009. "Regional Implications of Climate and Energy Legislation in the Agricultural Sector." Presented at

- the BIO eConference Growing the Bioeconomy: Solutions for Sustainability, Purdue University, West Lafayette, 1 December.
- English, Burton, Kim Jensen, Daniel De La Torre Ugarte, and Chad Hellwinckel. 2009. "Analysis of the Implications of Climate Change Legislation to the Agricultural Sector: Release of Phase I." National Farm Broadcasters Meeting, Kansas City, MO, 11 November.
- De La Torre Ugarte, Daniel. 2009. "Current vs. Long-Term Challenges for Agriculture." Certified Crop Advisors, Agronomic Seminar, Nashville, TN, 29 January.
- Tiller, Kelly J. 2008. "The UT Biofuels Initiative: Opportunities for Middle Tennessee." Invited presentation, Mind2Marketplace Quarterly Meeting, Columbia, TN, 5 November.
- English, Burton, D.D. Tyler, D.F. Mooney, James Larson, Jamey Menard, Clark Garland, and Daniel De La Torre Ugarte. 2008. "Switchgrass as a Feedstock for Cellulosic Ethanol." Paper presented at the Platts 3rd Annual Cellulosic Ethanol and Biofuels. Moving to Industrial-Scale Production Conference, Swissôtel, Chicago, IL, 9-10 October.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Emerging Technologies Alliance, Oak Ridge, TN, 9 October.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Seniors for Creative Living, Knoxville, TN, 2 October.
- De La Torre Ugarte, Daniel. 2008. "Biofuels, Food Security and Environmental Sustainability: Global Challenges and Opportunities." Presented to the Technical Society of Knoxville, Knoxville, TN, 29 September.
- Ray, Daryll E. 2008. "Fertilizer Benefits." Floratine BioSciences, Inc., Grand Rapids, MI, 26 September.
- Rials, Timothy G. and Kelly J. Tiller. 2008. "The UT Biofuels Initiative." Invited presentation, Biomass South 2008 Conference, Raleigh, NC, 22-23 September.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Knoxville Technical Society, Knoxville, TN, 15 September.
- Tiller, Kelly J. and Timothy G. Rials. 2008. "UT Biofuels Initiative: Research Partnership Opportunities." BASF Biology Research division, Knoxville, TN, 27 August.
- Tiller, Kelly J. 2008. "The UT Biofuels Initiative and Logistics and Supply Chain R&D." Invited presentation, SAFER Conference: Biomass Transportation and Logistics, Knoxville, TN, 26 August.
- De La Torre Ugarte, Daniel. 2008. "Biofuels, Food Security and Environmental Sustainability: Global Challenges and Opportunities." Presented at Sandia National Laboratories, Livermore, CA, 25 August.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, Burton English, and Jamey Menard. 2008. "The POLYSYS Modeling System and its use in the Analysis of Bioenergy Issues." Presented at Sandia National Laboratories, Livermore, CA, 25 August.

- English, Burton, Jamey Menard, Kim Jensen, and Daniel De La Torre Ugarte. 2008. "Moving Tennessee Forward: A roundtable Discussion on a Green Job Economy." Nashville, TN, 9 September.
- English, Burton, James Larson, Daniel De La Torre Ugarte, Jamey Menard, Chad Hellwinckel, and Phil Spinelli. 2008. "Environmental and Economic Impacts of an 18 Billion Gallon Corn Ethanol Industry." Soil and Water Conservation Society 2008 Annual Conference, Tucson, AZ, 26-30 July.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Chattanooga Engineers Club, Chattanooga, TN, 14 July.
- Green, Daniel and Kelly J. Tiller. 2008. "Research Report: Center for Tobacco Grower Research." Invited presentation, Leaf Operations and Business Development Management Teams, Philip Morris USA, Richmond, VA, 2 June.
- English, Burton, Daniel De La Torre Ugarte, and Kim Jensen. 2008. "An Evaluation of the Opportunities and Challenges of a Biofuels Platform for the United States." International Biomass '08 Conference and Trade Show, Minneapolis, MN, 15-17 April.
- Tiller, Kelly J., Daniel Green, William Snell, and Dixie Watts Reaves. 2007. "The Changing Environment of U.S. Agriculture Production: A Policy and Economic Perspective." Invited Presentations, Senior Management Staff, Operations Unit, Philip Morris USA and Philip Morris International SSA, Richmond, VA, 12 December.
- Tiller, Kelly J. and Daniel Green. 2007. "Update on the Center for Tobacco Grower Research." Invited Presentation, Leaf Operations and Business Development Management Teams, Philip Morris USA and Philip Morris International SSA, Richmond, VA, 12 December.
- Tiller, Kelly J. 2007. "The Tennessee Biofuels Initiative." Invited presentation, Strawberry Plains Community Alliance, Jefferson City, TN, 6 November.
- Tiller, Kelly J. 2007. "Biomass for Bioenergy Production." Invited presentation, Tennessee Forage and Grassland Council Annual Meeting, Nashville, TN, 2 November.
- Ray, Daryll E. 2007. "Why Do We have Farm Policy?" National Agriculture Meeting, America Bankers Association, Milwaukee, WI, 29 October.
- Ray, Daryll E. 2007. "Farm Program: There Ought to be a Law." Invited to participate in Farm Bill Panel Discussion. American Agricultural Law Association 2007 Annual Meeting, San Diego, CA, 20 October.
- Ray, Daryll E. 2007. "Will Alcohol "Inebriate" Discussion of the 2007 Farm Bill?" 2007 Annual Minnesota Crop Insurance Conference, Morton, MN, 19 September.
- English, Burton, Daniel De La Torre Ugarte, Kim Jensen, Chad Hellwinckel, and Jamey Menard. 2007. "Reaching 25% Renewable Energy by 2025, Implications to the Agricultural Sector." Presented at the 29th Symposium on Biotechnology for Fuels and Chemical, Denver, CO, May.
- English, Burton, Jamey Menard, Daniel De La Torre Ugarte, Chad Hellwinckel, and Marie Walsh. 2005. "Estimated Economic Impacts of the Agricultural Sector and the Nation's Economy of Supplying Feedstock to an Energy Sector." 27th Symposium on Biotechnology for Fuels and Chemicals, Denver, CO, 1-4 May.

- Tiller, Kelly J. 2007. "U.S. Agricultural Policy: Issues and Outlook." Invited presentation, Senior Management Staff, Operations Unit, Philip Morris USA, Richmond, VA, 14 March.
- Tiller, Kelly J. 2007. "The Tennessee Biofuels Initiative: Opportunities for Landowners." Invited presentation, Tennessee Association of Conservation Districts Annual Meeting, Nashville, TN, 26 February.
- Tiller, Kelly J. 2007. "Results from the Web-Based Survey of Tobacco States." Invited presentation, Burley Stabilization Corporation Board Meeting, Knoxville, TN, 15 January.
- Tiller, Kelly J. 2007. "Bioenergy Programs at the University of Tennessee." Invited presentation, Burley Stabilization Corporation Board Meeting, Knoxville, TN, 15 January.
- Tiller, Kelly J. and Joseph A. DiPietro. 2006. "Tennessee's Bioenergy Future: Opportunities to Advance the Bioeconomy." Invited presentations (2 presentations), Tennessee Farm Bureau Federation Annual Convention, Franklin, TN, 4 December.
- Tiller, Kelly J. 2006. "2006 Burley Tobacco Survey." Invited presentation, 2006 Burley Stabilization Corporation Annual Board Meeting, Knoxville, TN, 14 September.
- Tiller, Kelly J. 2006. "2007 Farm Bill: Agricultural Policy Considerations." Invited presentation, Agriculture and Leaf Department staff, Philip Morris USA, Richmond, VA, 16 August.
- Tiller, Kelly J. 2006. "Post-Buyout: The Rapidly Changing Tobacco Market." Invited presentation, Burley and Bright Belt Warehouse Association Annual Meeting, Myrtle Beach, SC, 14 June.
- Tiller, Kelly J. 2006. "Burley Tobacco Survey: Overview and Progress Update." Invited presentation, Burley Stabilization Board Meeting, Knoxville, TN, 5 June.
- Tiller, Kelly J. 2006. "The Burley Tobacco Survey." Invited presentation, Burley Stabilization Board Meeting, Knoxville, TN, 15 May.
- Ray, Daryll E. 2006. "Funding and Scope of an Ethanol Reserve Policy." The National Commission on Energy Policy, The American Coalition of Ethanol, Washington, D.C., 26 March.
- Tiller, Kelly J. 2006. "U.S. Ag Sector Outlook: (2007?) Farm Bill and WTO Negotiations." Invited presentation, AgStar Leadership Program, Jackson, TN, 14 February.
- Tiller, Kelly J. 2006. "Burley Tobacco Situation and Outlook." Invited presentation, TN-NC-VA Tobacco Expo, Kingsport, TN, 27 January.
- Tiller, Kelly J. 2005. "Burley Tobacco Post-Buyout." Invited presentation, 2005 Burley Stabilization Corporation Annual Board Meeting, Knoxville, TN, 12 September.
- Tiller, Kelly J. 2005. "Tobacco Buyout Financial and Tax Considerations." Invited presentation, Burley Marketing Association Annual Meeting, Lexington, KY, 21 April.
- Tiller, Kelly J. 2005. "Tobacco Quota Buyout: Update and Expectations." Invited presentation, Tennessee Farmers Co-op District Meeting, Morristown, TN, 10 March.

- Ray, Daryll E. 2005. "Agricultural Policy: Premises and Alternatives." West Kentucky No-Till Association, Russellville, KY, 24 February.
- Tiller, Kelly J. 2005. "The Tobacco Quota Buyout." Invited presentation, Merrill Lynch Tobacco Buyout Planning Conference, Clarksville, TN, 24 February.
- Tiller, Kelly J. 2005. "The Tobacco Quota Buyout and the Future of Tobacco." Invited presentation, Springfield Tobacco Expo, Springfield, TN, 3 February.
- Tiller, Kelly J and A. Blake Brown. 2005. "The Tobacco Buyout and the Future." Invited presentation, TN-NC-VA Tobacco Expo, Kingsport, TN, 28 January.
- Tiller, Kelly J. 2005. "U.S. Tobacco Quota Buyout: Implications for the Future." Invited presentation, Ontario Flue-Cured Tobacco Growers' Marketing Board Annual Meeting, Toronto, Ontario, Canada, 27 January.
- Tiller, Kelly J. 2005. "U.S. Ag Sector Outlook." Invited presentation, 2005 Farm Expo, Kingsport, TN, 21 January.
- Tiller, Kelly J. 2005. "The Tobacco Quota Buyout." Invited presentation, 2005 Farm Expo, Kingsport, TN, 21 January.
- Tiller, Kelly J. 2004. "Phase II Tobacco Trust: Economic Analyses and Buyout Considerations." Invited presentation, Tennessee Tobacco Farmers Certifying Board Meeting (Phase II Board), Nashville, TN, 2 December.
- Tiller, Kelly J. 2004. "Tobacco Quota Buyout: Impacts and Considerations for the Future." Invited presentation, Agribusiness Council Meeting, Knox County Chamber of Commerce, Knoxville, TN, 1 December.
- De La Torre Ugarte, Daniel and Chad Hellwinckel. 2004. "The Economic Competitiveness and Impacts in the Agricultural Sector of Switchgrass as a Bioenergy Dedicated Crop." Invited presentation, AAIC/NUC Joint Annual Meeting: Industrial Crops & Uses to Diversify Agriculture, Minneapolis, MN, 19-22 September.
- Tiller, Kelly J. 2004. "Tobacco Quota Buyout and Policy Update." Invited presentation at the Burley Stabilization Corporation Annual Board Meeting, Knoxville, TN, 22 September.
- Ray, Daryll E. 2004. "Agriculture: Is it Different or Just Better Treated by the Feds?" Continuing Professional Education Seminar to the Tennessee Society of Certified Public Accountants: Knoxville Chapter, Knoxville, TN, 3 August.
- Tiller, Kelly J. 2004. "Tobacco Quota Buyout and Policy Update." Invited presentation at the Tennessee Agricultural Production Association Summer Meeting, Gatlinburg, TN, 30 July.
- Tiller, Kelly J. 2004. "Tobacco Quota Buyout Update." Invited presentation, Board of Directors Meeting, Burley Stabilization Corporation, Knoxville, TN, 12 July.
- Tiller, Kelly J. 2004. "Tobacco Policy and Economic Update." Invited presentation, Tennessee Farmers Co-op District Meeting, Morristown, TN, 9 March.
- De La Torre Ugarte, Daniel. 2004. "Agricultural Policy Options or Improving Energy Crop Economics." Southern Bio-Products Conference, Biloxi, MS, 5 March.

- Tiller, Kelly J. 2004. "Tobacco Policy and Economics." Invited presentation, Tennessee Tobacco Certifying Board Meeting (Phase II Board), Nashville, TN, 19 February.
- Tiller, Kelly J. 2003. "Tobacco Quota Buyout Update." Invited presentation at the Burley Stabilization Corporation Board Meeting, Knoxville, TN, 6 October.
- Tiller, Kelly J. and Jennifer G. Brown. 2003. "Tobacco Quota Buyout Update." Invited presentation at the Burley Stabilization Corporation Board Meeting, Knoxville, TN, 10 September.
- Tiller, Kelly J. 2003. "Tobacco Quota Buyout Update." Invited presentation at the Burley Stabilization Corporation Board Meeting, Knoxville, TN, 7 July.
- Tiller, Kelly J. 2003. "Tobacco Quota Buyout Update." Invited presentation, The National Tobacco Grower Settlement Trust Annual Conference, Nashville, TN, 2 June.
- Tiller, Kelly J. 2003. "Tobacco Quota Policy Update." Invited presentation at the Burley Stabilization Corporation Annual Board Meeting, Knoxville, TN, 5 May.
- Tiller, Kelly and Daryll Ray. 2002. "Understanding the 2002 Farm Bill." Presented at the Southern Appalachian Man and the Biosphere (SAMAB) Fall Conference, Gatlinburg, TN, 5 November.
- Ray, Daryll E. 2002. "Farm Security and Rural Investment Act of 2002." Presented to the Tennessee Society of Farm Managers and Rural Appraisers, Knoxville, TN, 25 October.
- Tiller, Kelly J. 2002. "2002 Farm Bill." Invited presentation at the Tennessee Agricultural Production Association Annual Meeting, Gatlinburg, TN, 1 August.
- Tiller, Kelly J. 2002. "Burley Tobacco Policy and Economics." Invited presentation at the Burley Stabilization Corporation Board Meeting, Knoxville, TN, 1 July.
- De La Torre Ugarte, Daniel. 2002. "Economic Synergism Between Agriculture and Bioenergy/Biobased Industry." A presentation at the Industries of the Future Workshop: Identifying High Potential Crops for Bioproducts and Biorefineries, Chicago, IL, 7 March.
- Ray, Daryll E. 2002. "Prospective failures of 2002 Farm Bill." Presented at the Tennessee Agricultural Producers Association Meeting, Franklin, TN, 6 February.
- De La Torre Ugarte, Daniel and Daryll E. Ray. 2000. "Modeling Approach to Evaluate the Economics of CO2 Sequestration in Cropland." Meeting of the CO2 Sequestration Economics Project, Electric Power Research Institute, Palo Alto, CA, 11-12 December.
- Tiller, Kelly J. 2000. "Outlook for Tobacco Policy and Production." Invited presentation, Crop Insurance Research Bureau, National Association of Mutual Insurance Companies Annual Conference, Nashville, TN, 26 September.
- Tiller, Kelly J. 1999. "Agricultural Issues." Invited presentation, "The Practice of Health in Tobacco Growing Communities: New Partners for Today's Challenges," Appalachian Consortium Conference, Abingdon, VA, 28 October.
- Tiller, Kelly J. 1999. "Contracting in U.S. Agriculture." Invited presentation, Southern Tobacco Communities Project Roundtable, Washington, D.C., 28 June.

- Ray, Daryll E. 1999. "Should the FAIR Act Be Kept?" St. Paul District Farm Credit Council Annual Meeting, Nashville, TN, 7 March.
- Ray, Daryll E. 1999. "Tennessee Agriculture: 1998 and 1999." Tennessee Crop Improvement Association Annual Conference, Nashville, TN, 10 February.
- Tiller, Kelly J. 1998. "Data Needs for Burley Tobacco." Invited presentation, Board of Directors Meeting, Burley Stabilization Corporation, Knoxville, TN, 6 July.
- Tiller, Kelly J. 1998. "The Role of Burley Tobacco in Tennessee's Economy." Presentation made to Tennessee Tobacco Working Group, Knoxville, TN, 26 March.
- Ray, Daryll E. and Daniel De La Torre Ugarte. 1997. "An Overview of the POLYSYS Modeling Framework." Presented at the IEA Workshop on Bioenergy Modeling Conference, Knoxville, TN, 9 April.
- Ray, Daryll E. 1995. "Modeling of Options for the 1995 Farm Bill." The Farmers Education Foundation Board of Directors Meeting, Washington, D.C., 21 June.
- Ray, Daryll E. 1995. "The 1995 Farm Bill: Background and Alternatives." The Quinstate Economic Development Conference, Memphis, TN, 6-7 April.
- Ray, Daryll E. 1993. "Outlook for U.S. and Tennessee Agriculture in the 1990s." The Tennessee Farmers' Cooperative Annual Meeting, Nashville, TN, 29 November.
- Ray, Daryll E. 1992. "Into the 1990s: Challenges Facing Food Processors." Southeastern Food Processors Association Annual Meeting, Nashville, TN, 23 October.
- English, Burton, Mahadev Bhat, and Daryll Ray. 1992. "Sustainable Agriculture in a Tricounty Region of Northwestern Tennessee." East Tennessee Chapter Soil and Water Conservation Society Winter Meeting, Knoxville, TN, 20 March.
- Ray, Daryll E. 1992. "World Food Situation - Current Status, Recent Trends, and Future Determinants." Paper presented at 19th Annual WATTEC Interdisciplinary Technical Conference and Exhibition, Knoxville, TN, 18-21 February.
- Ray, Daryll E. 1991. "Agriculture in the 1990s." Paper presented at Fall Meeting of the Tennessee Farm Managers and Rural Appraisers, Knoxville, TN, 1 November.

6. Cooperative Extension Service Education Programs

- Tiller, Kelly J. and Justin van Rooyen. 2007. "The UT Biofuels Initiative and Demonstration Biorefinery." Presentations at the Switchgrass Farmer Incentive Program focus group meetings. Two presentations: (1) Athens, TN, 23 October, (2) Loudon, TN, 24 October.
- Tiller, Kelly J. 2007. "U.S. Energy Situation and Outlook." Presentation at the Bioenergy Extension Training Conference, Eastern and Middle Regions, Cookeville, TN, 4 April.
- Tiller, Kelly J. 2007. "Tennessee Biofuels Initiative." Presentation at the Bioenergy Extension Training Conference, Eastern and Middle Regions, Cookeville, TN, 4 April.
- Tiller, Kelly J. 2007. "U.S. Energy Situation and Outlook." Presentation at the Bioenergy Extension Training Conference, Western Region, Jackson, TN, 3 April.

- Tiller, Kelly J. 2007. "Tennessee Biofuels Initiative." Presentation at the Bioenergy Extension Training Conference, Western Region, Jackson, TN, 3 April.
- Tiller, Kelly J. 2007. "Tennessee Biofuels Initiative: Using Switchgrass as a Dedicated Bioenergy Crop." Presentation at the Monroe County Forage School, Madisonville, TN, 11 January.
- Tiller, Kelly J. 2006. "Tennessee Tobacco Situation and Outlook." Presentation at the 2006 Central District Agricultural Markets and Outlook Extension Agent Workshop, Murfreesboro, TN, 8 November.
- Tiller, Kelly J. 2006. "Tobacco Economics and Policy Programs at the University of Tennessee." Presentation at the KY-TN Dark Tobacco Forum, Springfield, TN, 7 November.
- Tiller, Kelly J. 2006. "Tennessee Tobacco Situation and Outlook." Presentation at the 2006 Eastern District Agricultural Markets and Outlook Extension Agent Workshop, Knoxville, TN, 1 November.
- Tiller, Kelly J. 2005. "Tennessee Tobacco Situation and Outlook." Presentation at the 2005 Eastern District Agricultural Markets and Outlook Extension Agent Workshop, Knoxville, TN, 8 November.
- Tiller, Kelly J. 2005. "Tennessee Tobacco Situation and Outlook." Presentation at the 2005 Central District Agricultural Markets and Outlook Extension Agent Workshop, Murfreesboro, TN, 2 November.
- Tiller, Kelly J. 2005. "Tobacco Transition Payment Program: How Do I Make the Most of My TTPP Contract?" Presentation at the Monroe County Extension Service Annual Tobacco Meeting, Madisonville, TN, 26 May.
- Tiller, Kelly J. 2005. "Tobacco Transition Payment Program: Payment Assignments and Successor in Interest Contracts." Presentation at the Kentucky/Tennessee Tobacco Buyout and Beyond Extension Workshop, Williamsburg, KY, 19 May.
- Tiller, Kelly J., Clark Garland and Allan Galloway. 2005. "Summary of Tobacco Transition Payment Program Final Rule." Tennessee Agricultural Extension Agent Phone Conference (Eastern and Central Districts), Knoxville, TN, 22 April.
- Tiller, Kelly J. 2005. "The Tobacco Buyout and the Future of Burley Production." Invited presentation, Virginia Burley Tobacco Agent In-service Training, Abingdon, VA, 1 February.
- Tiller, Kelly J. 2005. "The Tobacco Buyout and the Future." Presentation at the Grainger County Extension Service Annual Tobacco Meeting, Rutledge, TN, 20 January.
- Tiller, Kelly J. 2004. "Buyout Policy and Outlook for Tobacco." Presentation at the 2004 Agricultural Markets and Outlook Extension Agent Workshop, Nashville, TN, 3 November.
- Tiller, Kelly J. 2004. "Situation, Outlook, and Policy Update." Presentation at the Tennessee-Kentucky 2004 Extension Tobacco In-service Training, Nashville, TN, 27 October.

- Brown, Jennifer G. and Kelly J. Tiller. 2004. "Burley Tobacco Outlook and Buyout Update." Presentation at the Putnam-Jackson-White Counties Tobacco Program, Cookeville, TN, 9 March.
- Tiller, Kelly J. 2004. "Tobacco Policy Update and Outlook." Presentation at the Macon County Extension Service Annual Tobacco Meeting, Lafayette, TN, 8 March.
- Brown, Jennifer G. and Kelly J. Tiller. 2004. "Burley Tobacco Outlook and Buyout Update." Presentation at the Lincoln County Annual Tobacco Meeting, Fayetteville, TN, 26 February.
- Tiller, Kelly J. 2004. "2004 Burley Tobacco Outlook and Buyout Update." Presentation at the Trousdale County Farm and Home School, Hartsville, TN, 29 January.
- Tiller, Kelly J. 2004. "2004 Burley Tobacco Situation and Outlook." Presentation at the Tennessee/ Virginia/ North Carolina Burley Tobacco Expo, Kingsport, TN, 16 January.
- Brown, Jennifer G. and Kelly J. Tiller. 2003. "U.S. Tobacco Economic and Policy Outlook." Presentation at the Agricultural Markets and Outlook, Extension Agent Training Conference, Central District, Nashville, TN, 19 November.
- Tiller, Kelly J. 2003. "U.S. Tobacco Economic and Policy Outlook." Presentation at the Agricultural Markets and Outlook, Extension Agent Training Conference, Smoky Mountain District, Knoxville, TN, 6 November.
- Tiller, Kelly J. and Jennifer G. Brown. 2003. "Tobacco Policy Update and Outlook." Presentation at the Pickett County Extension Service Annual Tobacco Meeting, Byrdstown, TN, 25 April.
- Tiller, Kelly J. and Jennifer G. Brown. 2003. "Tobacco Policy Update and Outlook." Presentation at the Macon County Extension Service Annual Tobacco Meeting, Lafayette, TN, 3 March.
- Tiller, Kelly J. and Jennifer G. Brown. 2003. "Tobacco Policy Update and Outlook." Presentation at the Johnson County Extension Service Annual Tobacco Meeting, Mountain City, TN, 25 February.
- Tiller, Kelly J. and Jennifer G. Brown. 2003. "Tobacco Policy Update and Outlook." Presentation at the Washington County Extension Service Annual Tobacco Meeting, Jonesboro, TN, 13 February.
- Tiller, Kelly J. and Jennifer G. Brown. 2003. "Tennessee Tobacco Situation and Policy Outlook." Presentation at the Tennessee Burley Tobacco Expo, Cookeville, TN, 6 February.
- Tiller, Kelly J. and Jennifer G. Brown. 2003. "Tennessee Tobacco Situation and Policy Outlook." Presentation at the Tennessee/Kentucky Tobacco Expo, Springfield, TN, 4 February.
- Tiller, Kelly J. and Jennifer G. Brown. 2003. "Tobacco Policy Update and Outlook." Presentation at the Robertson County Extension Service Annual Tobacco Meeting, Springfield, TN, 3 February.

- Tiller, Kelly J. and Jennifer G. Brown. 2003. "Tennessee Tobacco Situation and Policy Outlook." Presentation at the Tennessee/Virginia/North Carolina Burley Tobacco Expo, Kingsport, TN, 24 January.
- Tiller, Kelly J. and Chuck Danehower. 2002. "2002 Farm Bill: What It Means for Tennessee." Presentation at the UTIA Farm Bill Workshop, Knoxville, TN, 28 June.
- Tiller, Kelly J. 2002. "Tennessee Tobacco Situation and Policy Outlook." Presentation at the Carter County Winter Commodity Meeting, Elizabethton, TN, 28 February.
- Tiller, Kelly J. 2002. "Tennessee Tobacco Situation and Policy Outlook." Presentation at the Stewart County Winter Commodity Meeting, Dover, TN, 18 February.
- Tiller, Kelly J. 2002. "Tennessee Tobacco Situation and Policy Outlook." Presentation at the Tennessee Burley Tobacco Expo, Cookeville, TN, 7 February.
- Tiller, Kelly J. 2002. "Tennessee Tobacco Situation and Policy Outlook." Presentation at the Tennessee/Virginia/North Carolina Burley Tobacco Expo, Kingsport, TN, 25 January.
- Tiller, Kelly J. 2001. "Tennessee Tobacco Situation and Policy Outlook." Presentation at the Claiborne-Union-Grainger Annual Tobacco Meeting, New Tazewell, TN, 3 December.
- Tiller, Kelly J. 2001. "Tennessee Tobacco Situation and Outlook." Presentation at the Tennessee Extension Service Training Workshop Exploring Income Opportunities: Pathways for Farm Families, Crossville, TN, 7 November.
- Tiller, Kelly J. 2001. "Overview and Prospects for Tennessee Agriculture." Presentation at the Tennessee Extension Service Training Workshop Exploring Income Opportunities: Pathways for Farm Families, Jackson, TN, 6 November.
- Tiller, Kelly J. 2001. "Tennessee Tobacco Situation and Outlook." Presentation at the Tennessee Extension Service Training Workshop Exploring Income Opportunities: Pathways for Farm Families, Morristown, TN, 19 October.
- Tiller, Kelly J. 2001. "Tennessee Tobacco Situation and Outlook." Presentation at the Tennessee Extension Service Training Workshop Exploring Income Opportunities: Pathways for Farm Families, Nashville, TN, 16 October.
- Tiller, Kelly J. 2000. "The Tobacco Master Settlement Agreement and Tennessee Tobacco Growers." Invited presentation, Claiborne County Leadership Program, Knoxville, TN, 26 April.

7. Experiment Station Educational Programs and Technical Training

- De La Torre Ugarte, Daniel G. 2012. "Federal Policy Impacts." 2012 Biomass From Grow 2 Go. From Farm Fields to Future Fields, Vonore, TN, 25 October.
- Tiller, Kelly J. and Samuel Jackson. 2008. "UT Biofuels Initiative: From Grow to Go." Field Day Tour (4 times), Milan No-Till Field Day 25th.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: From Grow to Go." Field Day Tour, Tobacco and Forage Field Day, University of Tennessee Research and Education Center at Greeneville, Greeneville, TN, 17 July; Anniversary, University of Tennessee Research and Education Center at Milan, Milan, TN, 25 July.

- De La Torre Ugarte, Daniel G. and Chad M. Hellwinckel. 2008. "Bioenergy: Where We Are and Where We Should Be." Presented at the 25th Milan No-Till Field Day, Milan, TN, 24 July.
- Hellwinckel, Chad M. 2008. "Biofuels: Where we are and where we should be." Invited speaker, Milan No-Till Field Day, University of Tennessee Agricultural Research Farm, 24 July.
- Schaffer, Harwood D. 2008. "Perceptions and US Farm Policy." Milan No-Till Field Day, Milan Agricultural Experiment Station, Jackson, TN, 24 July.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: From Grow to Go." Field Day Tour (3 times), Tobacco, Beef and More Field Day, University of Tennessee Highland Rim Research and Education Center, Springfield, TN, 26 June.
- Jackson, Samuel and Kelly J. Tiller. 2008. "Using Switchgrass in Beef Forage Rotations." Field Day Tour, Beef Forage Field Day, East Tennessee Research and Education Center, Alcoa, TN, 12 June.
- Tiller, Kelly J. 2008. "Biofuels and Bioenergy Programs at the University of Tennessee." Tennessee Agricultural Experiment Station Technical Training In-service, Knoxville, TN, 18 March.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: Switchgrass Opportunities for Tennessee." Tennessee Agricultural Experiment Station, Research and Education Center Technical Training, Greeneville, TN, 6 March.
- Tiller, Kelly J. 2007. "The Tennessee Biofuels Initiative: From Grow to Go." Field Day Tour, Steak and Potatoes Field Day, University of Tennessee Plateau Research and Education Center, Crossville, TN, 7 August.
- Tiller, Kelly J. 2007. "The Tennessee Biofuels Initiative: From Grow to Go." Keynote Speaker, Tobacco and Beef Field Day, University of Tennessee Research and Education Center at Greeneville, Greeneville, TN, 19 July.
- Tiller, Kelly J. 2007. "The Tennessee Biofuels Initiative: From Grow to Go." Keynote Speaker, Tobacco and Beef Field Day, University of Tennessee Highland Rim Research and Education Center, Springfield, TN, 28 June.
- Ray, Daryll E. 2006. "Agriculture, Economics, and Policy." Highland Rim Research and Education Center, Springfield, TN, 25 October.
- Tiller, Kelly J. 2006. "Post-Buyout Tobacco Industry Information (or Lack Thereof)." Keynote Speaker, Tobacco Field Day, University of Tennessee Research and Education Center at Greeneville, Greeneville, TN, 20 July.
- Tiller, Kelly J. 2006. "Tobacco Industry Transitions and Needs." Keynote Speaker, Tobacco Field Day, University of Tennessee Highland Rim Research and Education Center, Springfield, TN, 6 July.
- De La Torre Ugarte, Daniel G., and Burton English. 2006. "The Potential Role of Agriculture in the Production of Renewable Energy." 24th Milan No-Till Field Day, Milan, TN, 27 June.

- Ray, Daryll E. 2005. "Farm Policy and Dairying." Middle Tennessee Research and Education Center, Spring Hill, TN, 29 November.
- Tiller, Kelly J. 2005. "Tobacco Transition Payment Program: How Do I Make the Most of My TTPP Contract?" Field Day Tour, Tobacco Field Day, Greeneville Education and Research Center, Greeneville, TN, 21 July.
- Tiller, Kelly J. 2005. "Tobacco Buyout: §1031 Like Kind Exchanges, Timeline and Deadlines, and Payment Considerations." Educational display, Tobacco Field Day, Greeneville Education and Research Center, Greeneville, TN, 21 July.
- Tiller, Kelly J. 2004. "Tobacco Buyout Update." Educational display, Milan No-Till Field Day, Milan, TN, 22 July.
- Tiller, Kelly J. 2004. "Tobacco Buyout and Policy Update." Keynote Speaker, Tobacco Field Day, Highland Rim Experiment Station, Springfield, TN, 13 July.
- Tiller, Kelly J. 2004. "Tobacco Buyout Update." Educational display, Tobacco Field Day, Highland Rim Experiment Station, Springfield, TN, 13 July.
- Tiller, Kelly J. 2004. "Tobacco Buyout Update." Educational display, Beef Field Day, Highland Rim Experiment Station, Springfield, TN, 4 May.
- Tiller, Kelly J. and Jennifer G. Brown. 2003. "Tobacco Policy Update and Buyout Simulations." Educational display, Tobacco Field Day, Greeneville Tobacco Experiment Station, Greeneville, TN, 22 July.
- Tiller, Kelly J. and Jennifer G. Brown. 2003. "Tobacco Quota Buyout Update." Educational display, Tobacco Field Day, Highland Rim Experiment Station, Springfield, TN, 15 July.
- Tiller, Kelly and Daryll Ray. 2002. "APAC Educational display." Presented at the 23rd Milan No-Till Field Day, Milan TN, 25 July.
- Tiller, Kelly J. 2002. "A Tobacco Buyout: Political Considerations." Keynote speaker, Tobacco Field Day, Highland Rim Experiment Station, Springfield, TN, 16 July.
- Tiller, Kelly J. 2002. "A Comparison of Tobacco Buyout Bills." Educational display, Tobacco Field Day, Highland Rim Experiment Station, Springfield, TN, 16 July.
- Tiller, Kelly J. 2001. "Using Representative Cotton Farms for Policy Analysis." Educational display, Milan No-Till Field Day, Milan, TN, 26 July.
- Ray, Daryll E. 2001. "Potential Farm Bill Provisions and Analysis." The Milan No Till Field Day, Milan, TN, 26 July.
- Tiller, Kelly J. 2001. "Tobacco Policy and Market Outlook." Educational display, Tobacco Field Day, Highland Rim Experiment Station, Springfield, TN, 19 July.
- Tiller, Kelly J. 1999. "Changing Tobacco Markets: Potential Impacts on Tennessee Tobacco Farms." Invited presentation, Tennessee Tobacco Field Day, Highland Rim Experiment Station, Springfield, TN, 27 July.
- Ray, Daryll E. 1999. "Overview of Agriculture Today and In The Future." Milan No-Till Field Day, West Tennessee Experiment Station, Milan, TN, 17 July.

- Ray, Daryll E. 1998. "Commodity Prices: Higher and More Stable or Lower and More Unstable?" Invited Presentation. The 1998 Crop Research and Recommendation Meeting, Institute of Agriculture, University of Tennessee, Knoxville, TN, 2 December.
- Ray, Daryll E. and Daniel De La Torre Ugarte. 1995. "The 1995 Farm Bill: Impacts on U.S. and Tennessee Agriculture." The 1995 Crop Research and Recommendation Meetings, Knoxville, TN, 6 December.

8. Press Conferences

- Ray, Daryll E. 2012. "A Market Directed Inventory System (MDIS)." Press Conference, Washington, D.C., 13 March.
- Ray, Daryll E. 2011. "Farmer-Owned Reserve Study." Press Conference, Washington, D.C., 12 September.
- English, Burton, Kim Jensen, Jamey Menard, and Daniel De La Torre Ugarte. 2009. "An Economic Impact Analysis of Potential New Markets and Opportunities for Agriculture resulting from a Federal Renewable Portfolio Standard with Four Case Studies: Colorado, Florida, Kansas, and North Carolina." Washington D.C. Press Club, 9 November.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller. 2006. "Analysis of the Economic Impacts on the Agricultural Sector of the Elimination of the Conservation Reserve Program." National Press Club, Washington, D.C., 7 September.
- Ray, Daryll E. 2003. "Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." Press Conference at the National Press Club, Washington, D.C., 3 September.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller. 2003. "Rethinking U.S. Agricultural Policy." Invited presentation and news conference, National Press Club, Washington, D.C., 3 September.
- De La Torre Ugarte Daniel and Harwood Schaffer. 2001. "A Discussion of Agricultural Issues with Catholic Press Association Journalists," Knoxville, TN, 24 October.
- Ray, Daryll E. 2001. "The Economic Climate for the Farm Bill Debate." National Press Club, Washington, D.C., 27 March.
- De La Torre Ugarte, Daniel and Harwood Schaffer. 2000. "A Discussion of Agricultural Issues with Catholic Press Association Journalists." Knoxville, TN, 2 November.

9. Community and Service Organization Presentations

- Hellwinckel, Chad M. 2013. "One Straw Revolution: An introduction to natural farming." 'Books Sandwiched In' Lecture, Knox County Public Libraries, East Tennessee History Center, 18 September.
- Hellwinckel, Chad M. 2013. "Sustainable Building Techniques." Dialog Session, Tennessee Valley Unitarian Universalist Church, Knoxville, TN, 19 May.
- Hellwinckel, Chad M. 2013. "Ask the Experts: Is the Price Right? Understanding the economics of healthy food for consumers and farmers Is the Price Right: Round 2." Webinar sponsored by the Healthy Farms, Healthy People Coalition, 7 February.
- Hellwinckel, Chad M. 2013. "Small Slow Solutions using Permaculture." Pecha Kucha, Square Room, Knoxville, TN, 24 January.
- Hellwinckel, Chad M. 2012. "Composting Outhouses: Form and Function." The Agrarian Urbanite Outpost, Knoxville, TN, 14 October.
- Hellwinckel, Chad M. 2012. "Zen and the Art of Permaculture Design." Dialog Session, Tennessee Valley Unitarian Universalist Church, Knoxville, TN, 23 September.
- Hellwinckel, Chad M. 2012. "Permaculture: Designing the Good Life in the Age of Breakdown." Kwanis Club, at the Foundry, Knoxville, TN, 19 September.
- Hellwinckel, Chad M. 2012. "Is the Price Right? Understanding the economics of healthy food for consumers and farmers." Webinar sponsored by the Healthy Farms, Healthy People Coalition, 2 August.
- Hellwinckel, Chad M. 2012. "Reasons, Vision, and Strategies for Building a Local Food System in Knoxville." Eat Play Live Conference, STEM Academy, Knoxville, TN, 10 March.
- Hellwinckel, Chad M. 2011. "Building Local Food Systems: Lets get real." TEDx_Knoxville event, The Square Room, Knoxville, TN, 16 November.
- Hellwinckel, Chad M. 2011. "Healthy and Liveable Communities, Plain Talk on Quality Growth Conference." East Tennessee Quality Growth Partnership, Knoxville, TN, 31 March.
- Hellwinckel, Chad M. 2011. "How to make good soil through composting: Part I." Parkridge Neighborhood, Knoxville, TN, 6 March.
- Hellwinckel, Chad M. 2010. "Knoxville Permaculture Guild and Local Agriculture." More Living with Jim Brogan, WOKI-FM NewsTalk 98.7., 19 September.
- Hellwinckel, Chad M. 2010. "Keeping Backyard Hens: Knoxville's new ordinance." Knoxville Botanical Gardens, Knoxville, TN, 18 September.
- Hellwinckel, Chad M. 2010. "Regenerative Agriculture: New strategies on the other side of peak oil." Torch Club. Knoxville, TN, 18 March.
- Hellwinckel, Chad M. 2010. "Agriculture and Energy Descent: The Emerging Importance of Gardening." Knoxville Master Gardeners Annual Meeting, Knoxville, TN, 9 February.

- Hellwinckel, Chad M. 2009. "Energy and Agriculture: Stepping back for perspective." Beaver Creek Watershed Association, Powell, TN, 25 May.
- Hellwinckel, Chad M. and G. Monaco. 2009. "Fundamentals of Permaculture." The Birdhouse, Knoxville, TN, 2 May.
- Hellwinckel, Chad M. 2009. "A Regenerative System for East Tennessee: Introduction to Edible Forests." Lecture at the Ivan Racheff House and Gardens, Knoxville, TN, 4 April.
- Hellwinckel, Chad M. and G. Monaco. 2009. "Agriculture, Energy and Permaculture." Mountain Justice Spring Break, Laurel High School Building, Knoxville, TN, March 14th.
- Hellwinckel, Chad M. 2008. "Edible Forest Gardening." Invited speaker, Knoxville Permaculture Guild. Knoxville, TN, 22 November.
- Hellwinckel, Chad M. 2008. "What is Permaculture?" Poster, Three Rivers Market Annual Meeting. Knoxville, TN, 18 November.
- Hellwinckel, Chad M. 2008. "What is Permaculture?" Invited speaker, Sustainable Living Road Show. Knoxville, TN, 22 September.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Brainerd Kiwanis Club, Chattanooga, TN, 11 July.
- De La Torre Ugarte, Daniel. 2008. "Biofuels, Food Security and Environmental Sustainability: Global Challenges and Opportunities." Presented at a Forum organized by the Tennessee Valley Unitarian Universalist Church, Knoxville, TN, 1 June.
- Jackson, Samuel and Kelly J. Tiller. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Sweetwater Kiwanis Club, Sweetwater, TN, 29 May.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Kingsport Kiwanis Club, Kingsport, TN, 2 May.
- Wilson, Patterson and Kelly J. Tiller. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Knoxville League of Women Voters, Knoxville, TN, 28 April.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Tri-County Forestry Association, Livingston, TN, 27 March.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Southern Pasture Conference, Knoxville, TN, 26 March.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Rarity Bay Homeowners Association, Vonore, TN, 12 March.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Rutherford County Agriculture Seminar, Murfreesboro, TN, 7 February.
- Tiller, Kelly J. 2008. "Policy Options for Building a Biofuels Industry in the Southeast." Invited presentation, Southern Technologies Council, Nashville, TN, 7 February.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Agri-Leadership 20/20 – Upper Cumberland Area, Cookeville, TN, 10 January.
- Tiller, Kelly J. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Tennessee Farmers' Cooperative Annual Managers Meeting, Nashville, TN, 7 January.

- Hellwinckel, Chad M. 2008. "Agriculture, Energy, and Biomass: Stepping back for Perspective." Ijam's Nature Center Science Café, Invited speaker, 8 January.
- Tiller, Kelly J. 2007. "The Biofuels Initiative and Bioenergy Programs at UT." Invited presentation, Knoxville Chamber of Commerce, Agribusiness Development Committee, Knoxville, TN, 3 October.
- Tiller, Kelly J. 2007. "The Tennessee Biofuels Initiative." Invited presentation, Crossville Rotary Club, Crossville, TN, 16 August.
- Tiller, Kelly J. 2007. "The Tennessee Biofuels Initiative." Invited presentation, Tennessee Math and Science Academy, Murfreesboro, TN, 11 June.
- Tiller, Kelly J. 2003. "U.S. Tobacco: Changing Economics and Policies." Invited presentation at the Crossville Rotary Club meeting, Crossville, TN, 12 June.
- Ray, Daryll E. 2003. "NAFTA and the Small Mexican Farmer." Downtown Kiwanis Club, Knoxville, TN, 8 May.
- Ray, Daryll E. 1992. "World Agricultural Production Trends." Presented to West Knoxville Optimist Club, Knoxville, TN, 14 May.
- Ray, Daryll E. 1992. "The Current World Food Situation." Presented to Downtown Optimist Club, Knoxville, TN, 24 April.
- Ray, Daryll E. 1991. "Agriculture: Is it Different?" Presented to Knoxville Downtown Kiwanis Meeting for Farm/City Week, Knoxville, TN, 21 November.
- Mapp, Harry, John Warren, Darrel Kletke, Daryll E. Ray, and Charles Wang. 1991. "The Six State Ogallala Aquifer Area Study: Results and Implications for Oklahoma." Presented at Southwest Cultural Heritage Festival, Stillwater, OK, October.

Table 5. General Research Publications and Reports, 1991-2014

Description	Total
Bulletins, Reports, Pamphlets and Fact Sheets	39
Departmental and Agricultural Policy Analysis Center Staff Papers	38
Policy Pennings	731
Popular Press, Trade Magazines, and Periodicals	32
Research Reports to Sponsors	73

Table 5: General Research Publications and Reports

1. Bulletins, Reports, Pamphlets and Fact Sheets

- Hellwinckel, Chad and Daniel De La Torre Ugarte. 2011. "Peak Oil and the Necessity of Transitioning to Regenerative Agriculture." Road to Rio+20, 1:46-51.
- English, Burton and Daniel De La Torre Ugarte. 2009. "What Are The Land Use Implications of Aviation Biofuel from The Most Promising Biofuel Crops (in the US and Globally)?" Presented at the Biofuels for Aviation Summit, Washington D.C., 1 September.
- Wilcox, Michael, Dayton Lambert and Kelly J. Tiller. 2007. "Biofuels '101'." Extension Service Publication SP700-A, Tennessee Agricultural Extension Service and Tennessee Agricultural Experiment Station, The University of Tennessee, Knoxville, TN, August.
- Ray, Daryll E. and Harwood D. Schaffer. "Supply and Stocks Management." In J. Outlaw, ed. 2007 Farm Bill, Extension Pamphlet Series.
- De La Torre Ugarte, Daniel G., Developing Bioenergy: Economic and Social Issues, in Peter Hazell and R.K. Pachauri, eds., Bioenergy And Agriculture: Promises and Challenges, Washington, DC: International Food Policy Research Institute, 2020 Focus 14, Brief No.2, December 2006.
- De La Torre Ugarte, Daniel, Burton English, Marie Walsh, Chad Hellwinckel, and Jamey Menard. 2006. "Economic Impacts from Increased Competing Demands for Agricultural Feedstocks to Produce Bioenergy & Bioproducts." University of Tennessee Institute of Agriculture, Department of Agricultural Economics, Research Series, Knoxville, TN, June.
- Ray, Daryll E. and Harwood D. Schaffer. 2005. "Supply and Stocks Management." In J. Outlaw, ed. 2007 Farm Bill, Extension Pamphlet Series.
- De La Torre Ugarte, Daniel. 2005. "Re-fueling the WTO Development Round: Enhancing the Development Synergism Between Agriculture and Energy." Global Issues paper, No. 27, Heinrich Böll Foundation, December.
- English, Burton, Daniel De La Torre Ugarte, Jamey Menard, Chad Hellwinckel, and Marie Walsh. 2004. "An Economic Analysis of Producing Switchgrass and Crop Residues for Use as a Bio-energy Feedstock ." University of Tennessee, Department of Agricultural Economics, Research Series 02-04, Knoxville, TN.
<http://web.utk.edu/~aimag/pubimpact.html>.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller. 2003. "Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." Agricultural Policy Analysis Center, the University of Tennessee, Knoxville, TN, September.
- Segarra, Eduardo, Daniel De la Torre Ugarte, Jamie Malaga, and Gary Williams. 2003. "Social Welfare and Environmental Degradation in Agriculture: The Case of Ecuador." 25th International Conference of Agricultural Economists Proceedings, Durban, South Africa , on CD-ROM disk -pp.1020-1026, August.

- De La Torre Ugarte, Daniel, Marie Walsh, Hosein Shapouri, and Stephen Slinsky. 2003. "The Economic Impacts of Bioenergy Crop Production on U.S. Agriculture." U.S. Department of Agriculture, Office of the Chief Economist, Office of Energy Policy and New Uses, Agricultural Economic Report No. 816, February.
- Lin, William, Bob Skinner, Scott Sanford, and Daniel De La Torre Ugarte. 2000. "Supply Response under the 1996 Farm Act and Implications for the U.S. Field Crops Sector." Market and Trade Economics Division, Economic Research Service, U.S. Department of Agriculture. Technical Bulletin Number 1888, July.
- Ray, Daryll E. 2000. "Are Exports Likely To Be A Long Term Driving Force Behind The United States Grain and Soybean Markets?" Policy Matters, Special Compilation.
- Ray, Daryll E. 2000. "Freedom To Farm: An agricultural Price Response Experiment-What Have We Learned in Four Years?" Policy Matters, 5(4).
- Ray, Daryll E. 2000. "Agricultural Policy Questions VI: Are Exports Likely To Be A Long Term Driving Force Behind The United States' Grain And Soybean Markets?" Policy Matters, 5(3).
- Ray, Daryll E. 2000. "With Prices Low, Why Haven't bargain Hunters Scooped Up?" Policy Matters, 5(2).
- Ray, Daryll E. 2000. "Since Prices Are So Low, Why Hasn't Production Declined?" Policy Matters, 5(1).
- Ray, Daryll E. 1999. "How Have Crop Exports Performed With the Price and Income Farm Policy Changes of the Last Two Decades?" Policy Matters, 4(6). November.
- Ray, Daryll E. 1999. "Why have grain prices fallen so low?" Policy Matters, 4(5), October.
- Ray, Daryll E. 1999. "Do Grain Markets Self-Correct Under Current Policies? Policy Matters, 4(4), September.
- Hellwinckel, Chad, Daniel De La Torre Ugarte, and Daryll Ray. 1999. "Integrating the ERS Annual Livestock Model into POLYSYS: Final Report." United States Department of Agriculture, Economic Research Service Cooperative Agreement No. 43-3AEK-5-80100, Washington, D.C., July.
- Ray, Daryll E. 1999. "1998 Net Returns Negative on Three of Four Representative West Tennessee Farms." Policy Matters, 4(3), July.
- Roberts, Roland K., Robert Pendergrass, Daniel De La Torre Ugarte, Daryll Ray, Dennis Deyton, and Carl Sams. 1999. "Impacts on Soybean Markets and Producers of Using Soybean Oil in Fruit Production." Research Report No. 99-04, Department of Agricultural Economics and Rural Sociology, The University of Tennessee, Knoxville, TN, June.
- De La Torre Ugarte, Daniel Richard White, Stephen Slinsky, Anthony Turhollow, Daryll Ray, Kelly Tiller, and Dana Bagwell. 1999. "Assessment of Biodiesel Production Potential in the Southeast: Final Report." Southeast Regional Biomass Energy Program, Tennessee Valley Authority, Mussel Shoals, AL, May.
- Agricultural Policy Analysis Center. 1999. "Possible Ban on Certain Pesticide Chemicals Could Negatively Affect TN Agriculture." Policy Matters, 4(2), May.

- Ray, Daryll E. 1999. "Possible Ban on Certain Pesticide Chemicals Could Negatively Affect Tennessee Agriculture." *Policy Matters*, 4(2), May.
- Ray, Daryll E. 1999. "Tobacco Settlement Allocates Large Sums to States but Leaves Many Questions Unanswered." *Policy Matters*, 4(1), March.
- Slinsky, Stephen, Richard White, John Hamrick, Robert Pendergrass, and Daryll Ray. 1997. "RCA III Farm-Level Impacts of Sustainable Agriculture on the Southeastern United States." Report 20, U.S. Dept. of Agriculture\ Natural Resources Conservation Service, Washington, D.C., June.
- Ray, Daryll E., George Davis, and Richard White. 1995. "Impacts of the GATT and NAFTA on U.S. and Tennessee Agriculture." *Tennessee Farm and Home Science*. 174:15–19.
- Ray, Daryll E., Michael Dicks, Daniel De La Torre Ugarte, and Richard White. 1995. "The Senate Bill." *The 1995 Farm Bill Series, Agricultural Policy Analysis Center, University of Tennessee, Knoxville, TN*, No. 8, November.
- De La Torre Ugarte, Daniel, Daryll Ray, Michael Dicks, and Richard White. 1995. "The Senate Bill." *The 1995 Farm Bill Series, Agricultural Policy Analysis Center, University of Tennessee, Knoxville, TN*, No. 7, October.
- Dicks, Michael, Daryll Ray, Daniel De La Torre Ugarte, and Richard White. 1995. "The Freedom to Farm Act." *The 1995 Farm Bill Series, Agricultural Policy Analysis Center, University of Tennessee, Knoxville, TN*, No. 6, October.
- De La Torre Ugarte, Daniel, Daryll Ray, Richard White, and Michael Dicks. 1995. "The Conservation Reserve Program." *The 1995 Farm Bill Series, Agricultural Policy Analysis Center, University of Tennessee, Knoxville, TN*, No. 5, September.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Michael Dicks. 1995. "The National Farmers Union Proposal." *The 1995 Farm Bill Series, Agricultural Policy Analysis Center, University of Tennessee, Knoxville, TN*, No. 4, September.
- De La Torre Ugarte, Daniel, Daryll Ray, and Michael Dicks. 1995. "Increased Planting Flexibility." *The 1995 Farm Bill Series, Agricultural Policy Analysis Center, University of Tennessee, Knoxville, TN*, No. 3, September.
- Dicks, Michael, Daryll Ray, and Daniel De La Torre Ugarte. 1995. "The Lugar Proposal." *The 1995 Farm Bill Series, Agricultural Policy Analysis Center, University of Tennessee, Knoxville, TN*, No. 2, September.
- Ray, Daryll, Daniel De La Torre Ugarte, and Michael Dicks. 1995. "Introduction to the Analytical Series." *The 1995 Farm Bill Series, Agricultural Policy Analysis Center, University of Tennessee, Knoxville, TN*, No. 1, August.
- Ray, Daryll. 1993. "Supply Control: An Alternative to the 1985 Farm Bill Philosophy?" *Agricultural Policy and Economic Issues, Department of Agricultural Economics, Oklahoma State University*, July.

2. Departmental and Agricultural Policy Analysis Center Staff Papers

- Ray, Daryll E., Harwood Schaffer, Daniel De La Torre Ugarte, and Chad Hellwinckel. 2012. "An Analysis of a Market-Driven Inventory System (MDIS)." Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, 2 April.
- Ray, Daryll E., Harwood Schaffer, Daniel De La Torre Ugarte, and Chad Hellwinckel. 2011. "A Study of the Impact of a Reserve Program Had One Been in Effect in the Period, 1998 to 2010." Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, 1 December.
- Schaffer, Harwood, Daniel De La Torre Ugarte, and Daryll Ray. 2007. "Grain Reserves in an Ethanol Era." Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN.
- De La Torre Ugarte, Daniel and Chad Hellwinckel. 2006. "Analysis of the Economic Impacts on the Agricultural Sector of the Elimination of the Conservation Reserve Program." Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, September, <http://agpolicy.org/ppap/APAC-CRP-Report.pdf>
- Tiller, Kelly J. 2005. "Tobacco Transition Payment Program Final Rule: A Summary of Provisions" Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, 20 April.
- Tiller, Kelly J. 2005. "Tobacco Buyout: The Top Ten Things You Need to Know." Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, 18 February.
- Tiller, Kelly J. 2005. "Tobacco Buyout Tentative/Expected Timeline." Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, 11 February.
- Tiller, Kelly J. 2005. "The Tobacco Buyout: What Do I Really Need to Know?" Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, 6 February.
- Tiller, Kelly J. 2004. "The Tobacco Quota Buyout Policy Update: Buyout Included in Conference Committee Draft." Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, 5 October.
- Tiller, Kelly J. 2004. "Policy Update: Senate Tobacco Quota Buyout." Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, 20 July.
- English, Burton, Daniel De La Torre Ugarte, Jamey Menard, Chad Hellwinckel, and Marie Walsh. 2004. "An Economic Analysis of Producing Switchgrass and Crop Residues for Use as a Bio-energy Feedstock." Staff Paper of the Department of Agricultural Economics, University of Tennessee. 15 November.
- Tiller, Kelly J. 2004. "Policy Update: House Tobacco Quota Buyout." Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, 15 June.
- Ray, Daryll, Daniel De La Torre Ugarte, and Kelly Tiller. 2003. "Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." Staff Paper of the

- Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, September.
- Tiller, Kelly J. 2003. "Tobacco Quota Buyout: A Win-Win Policy Opportunity." Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, 23 September.
- Tiller, Kelly J. 2003. "Tobacco Quota Buyout Myths Debunked." Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, 23 September.
- Hellwinckel, Chad and Daniel De La Torre Ugarte. 2003. "Testing US price Leadership in Major Crop Markets." APAC Staff Paper No 03-02, Agricultural Policy Analysis Center, University of Tennessee, Knoxville, TN, February.
- Tiller, Kelly J. 2003. "A Tobacco Quota Buyout: WTO Considerations." Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, 16 July.
- Tiller, Kelly J. and Jennifer Brown. 2002. "TnFARMS Newsletter: Tobacco Quota Buyout Simulations." Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, September.
- Tiller, Kelly J. and Jennifer Brown. 2002. "Policy Update: Status of Tobacco Quota Buyout Legislation." Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, 2 August.
- Tiller, Kelly J. 2002. "Tennessee Tobacco Situation and Outlook: A Resource for Extension Education." Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, <http://agpolicy.org/TillerPres/2002JanTobaccoKTiller.pdf>, January.
- Tiller, Kelly J. 2001. "Policy Update: Use of Tobacco Settlement Payments in Other Major Tobacco States." Staff Paper PU-01-05, Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, March.
- Ray, Daryll E, Mozghan Shahidi, and Harwood Schaffer. 2001. "An Analytical Database of U.S. Agriculture, 1950 to 1999: The APAC Database, 2001." Staff Paper of the Agricultural Policy Analysis Center Staff Paper, The University of Tennessee Agricultural Experiment Station, Knoxville, TN. APAC Staff Paper No. 01-1
- Tiller, Kelly J. 2001. "Policy Update: Use of Tobacco Settlement Payments in Tennessee." Staff Paper PU-01-04, Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, March.
- Tiller, Kelly J. 2001. "Policy Update: Use of Phase II Payments in Other Major Tobacco States." Staff Paper PU-01-03, Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, March.
- Tiller, Kelly J. 2001. "Policy Update: Use of Phase II Payments in Tennessee." Staff Paper PU-01-02, Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, March.
- Tiller, Kelly J. 2001. "Policy Update: Tobacco Loss Assistance Program (TLAP) Payments." Staff Paper PU-01-01, March.

- Tiller, Kelly J. 2000. "Policy Update: Burley Tobacco Policy and Production Issues." Staff Paper PU-00-04, Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, September.
- Tiller, Kelly J. 2000. "Policy Update: Tobacco Settlement Spending in Major Tobacco States." Staff Paper PU-00-03, Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, April.
- Tiller, Kelly J. 2000. "Policy Update: Tobacco Settlement Phase II Spending in Major Tobacco States." Staff Paper PU-00-02, Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, April.
- Tiller, Kelly J. 2000. "Policy Update: Pending MSA Bills in Tennessee." Staff Paper PU-00-01, Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, March.
- Tiller, Kelly J. 1999. "Tobacco Situation and Outlook." Staff Paper 99-01, Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, September.
- Hellwinckel, Chad. 1998. "Chapter 5: The Livestock Module, The POLYSYS Modeling Framework." POLYSYS Documentation, Staff Paper of the Agricultural Policy Analysis Center, Knoxville, TN, May, <http://agpolicy.org/polysys/ch5.pdf>
- Ray, Daryll E., Stephen Slinsky, Robert Pendergrass, and Richard White. 1994. "An Analytical Database of U.S. Agriculture, 1950 to 1992: The APAC Database." APAC Staff Paper No. 4-94, Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, December.
- Chembezi, Duncan, Richard White, and Daryll Ray. 1994. "Policy Preferences for the 1995 Farm Bill: A Survey of Tennessee Farmers." Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville TN, July.
- Bhat, Mahadev, Duncan Chembezi, Daniel De La Torre Ugarte, and Daryll Ray. 1994. "Regional Economic Impacts of the 1993 Flood Disaster: The Case of Tennessee Agriculture." APAC Staff Paper No. 2-94, Agricultural Policy Analysis Center, University of Tennessee, Knoxville, May.
- Chembezi, Duncan, Richard White, Daryll Ray, and Mahadev Bhat. 1994. "Economic Impacts of the 1993 Midwest Flood Disaster on the U.S. Agricultural Sector." APAC Staff Paper No. 1-94, Staff Paper of the Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN, March.
- Bhat, Mahadev, Robert Alexander, and Daryll Ray. 1993. "A Hierarchical Stackelberg Policy Formulation Game: An application to Nonpoint Source Pollution of Ground Water." Agricultural Policy Analysis Center Staff Paper, December.
- Chembezi, Duncan, Daniel De La Torre Ugarte, Daryll Ray, and Mahadev Bhat. 1993. "National Impacts of the 1993 Midwest Flood." Staff Paper of the Agricultural Policy Analysis Center, University of Tennessee, Knoxville, November .

3. Policy Pennings

- Ray, Daryll E. and Harwood D. Schaffer. "Climate change issue: better to respond needlessly than mistakenly do nothing." *Mid America Farmer Grower* 35(31). August 1, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "The African slate is not blank: Taking democratic traditions and indigenous knowledge seriously." *Mid America Farmer Grower* 35(30). July 25, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Easterly: Development economists are cozy with autocratic leaders, little help gets to poor." *Mid America Farmer Grower* 35(29). July 18, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Feed the Future links agriculture, nutrition, and infant health." *Mid America Farmer Grower* 35(28). July 11, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Risky Business report: "Right or wrong, is it time to take on a climate change 'insurance policy'?"" *Mid America Farmer Grower* 35(27). July 4, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Chicago Council on Global Affairs identifies "blue skies" research areas to improve global food security." *Mid America Farmer Grower* 35(26). June 27, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Chicago Council strategizes response to climate and food security issues." *Mid America Farmer Grower* 35(25). June 20, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Adapting the global food system to climate change should be a priority," says CCGA." *Mid America Farmer Grower* 35(24). June 13, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Chicago Council lists three-decade changes in greenhouse gases and average temperature." *Mid America Farmer Grower* 35(23). June 6, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "National Geographic article addresses global food needs in 2050." *Mid America Farmer Grower* 35(22). May 30, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Water categories included in EPA's "Waters of the U.S." *Mid America Farmer Grower* 35(21). May 23, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Scientific literature used to clarify which U.S. waters are within EPA's jurisdiction." *Mid America Farmer Grower* 35(20). May 16, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Waters of the U.S. rule: The back story and waters that are explicitly excluded." *Mid America Farmer Grower* 35(19). May 9, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Waters of the United States and the Clean Water Act." *Mid America Farmer Grower* 35(18). May 2, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "As goes China, as goes today's soybean exports." *Mid America Farmer Grower* 35(17). April 25, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Community-led development makes a real difference in a Senegalese community." *Mid America Farmer Grower* 35(16). April 18, 2014.

- Ray, Daryll E. and Harwood D. Schaffer. "Self-reliance is the goal of Farmer Group 5 in Guédé Chantier, Senegal." *Mid America Farmer Grower* 35(15). April 11, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "In search of a cost-effective fuel for cooking in rural Africa without deforestation." *Mid America Farmer Grower* 35(14). April 4, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Farmers' issues and challenges in other parts of the world are different yet similar." *Mid America Farmer Grower* 35(13). March 28, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Agriculture and life in a Senegalese village." *Mid America Farmer Grower* 35(12). March 21, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Save revenue insurance from the eventual public ridicule that beset direct payments?." *Mid America Farmer Grower* 35(11). March 14, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Implementation of 2014 Farm Bill allows farmers time to make an informed choice." *Mid America Farmer Grower* 35(10). March 7, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Insurance and the new farm bill." *Mid America Farmer Grower* 35(9). February 28, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Price and the value of agricultural exports." *Mid America Farmer Grower* 35(8). February 21, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Agriculture Act of 2014: Commodities Title." *Mid America Farmer Grower* 35(7). February 14, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Finally, A Farm Bill." *Mid America Farmer Grower* 35(6). February 7, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Say it ain't so Joe!." *Mid America Farmer Grower* 35(5). January 31, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Low prices in the late 1990s slowed production little but fueled the ethanol phenomenon." *Mid America Farmer Grower* 35(4). January 24, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "The 1996 "Freedom to Farm" Farm Bill." *Mid America Farmer Grower* 35(3). January 17, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "How farm policy used to work." *Mid America Farmer Grower* 35(2). January 10, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "So what is the role of commodity programs? Can they even be justified?." *Mid America Farmer Grower* 35(1). January 3, 2014.
- Ray, Daryll E. and Harwood D. Schaffer. "Farmers banded together to tackle early price and income problems." *Mid America Farmer Grower* 34(52). December 27, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Implementation of FDA's new antibiotic rules." *Mid America Farmer Grower* 34(51). December 20, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Have had agricultural policy since the beginning of this nation." *Mid America Farmer Grower* 34(50). December 13, 2013.

- Ray, Daryll E. and Harwood D. Schaffer. "Revenue insurance—a certainty in an otherwise unknown farm bill." *Mid America Farmer Grower* 34(49). December 6, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Where is the safety net? There is no safety net." *Mid America Farmer Grower* 34(48). November 29, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "More downside risk than upside potential for corn prices?" *Mid America Farmer Grower* 34(47). November 22, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Question: Are corn prices on a new higher plateau?" *Mid America Farmer Grower* 34(46). November 15, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Humane livestock handling and slaughter regs through the years." *Mid America Farmer Grower* 34(45). November 8, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Anytime is turkey time." *Mid America Farmer Grower* 34(44). November 1, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Broiler production and consumption trends." *Mid America Farmer Grower* 34(43). October 25, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Hog and pork trends." *Mid America Farmer Grower* 34(42). October 18, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Cattle and beef trends." *Mid America Farmer Grower* 34(41). October 11, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "US is the 4th largest rice exporter; each of the 3 largest rice exporters export more than the US produces." *Mid America Farmer Grower* 34(40). October 4, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Most US cotton production traditionally went to domestic mills, now it goes abroad." *Mid America Farmer Grower* 34(39). September 27, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "US wheat exports down by nearly half from 1981 peak while non-US wheat exports have doubled." *Mid America Farmer Grower* 34(38). September 20, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Soybeans: US export trend is up, share of world exports is down." *Mid America Farmer Grower* 34(37). September 13, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Corn exports: A case of unrealized expectations and farm policies that did not deliver." *Mid America Farmer Grower* 34(36). September 6, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Agricultural Policy in China." *Mid America Farmer Grower* 34(35). August 30, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "The bulk of crop sector's pain from 2012 drought is yet to come?" *Mid America Farmer Grower* 34(34). August 23, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "FDA to oversee accreditation bodies that certify safety auditors of imported food." *Mid America Farmer Grower* 34(33). August 16, 2013.

- Ray, Daryll E. and Harwood D. Schaffer. "New FDA rule makes importers responsible for the safety of imported food." *Mid America Farmer Grower* 34(32). August 9, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Big banks profit from circular hauling of commodities," *Mid America Farmer Grower* 34(31). August 2, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "IFAD president spells out what is needed to get African agriculture back on track." *Mid America Farmer Grower* 34(30). July 26, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Interesting perspectives on the agriculture only farm bill." *Mid America Farmer Grower* 34(29). July 19, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Splitting out nutrition from agriculture - A case of divide to conquer?" *Mid America Farmer Grower* 34(28). July 12, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "USDA proposed rule for mechanically tenderized meat ." *Mid America Farmer Grower* 34(27). July 5, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "World hunger reduction: Missed goals and incomplete strategies." *Mid America Farmer Grower* 34(26). June 28, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "What two recent Supreme Court rulings say and don't say." *Mid America Farmer Grower* 34(25). June 21, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Court's ruling favoring Monsanto not surprising given the specifics of the case tried." *Mid America Farmer Grower* 34(24). June 14, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "The Smithfield deal." *Mid America Farmer Grower* 34(23). June 7, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Final wording for COOL implementation." *Mid America Farmer Grower* 34(22). May 31, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Sugar policies of US and Brazil." *Mid America Farmer Grower* 34(21). May 24, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Do opponents of crop insurance oppose farm programs in general?" *Mid America Farmer Grower* 34(20). May 17, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Livestock press reports range from concealment to obfuscation to engagement." *Mid America Farmer Grower* 34(19). May 10, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Trust is valuable and fragile." *Mid America Farmer Grower* 34(18). May 3, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "SNAP program debates center on effectiveness and cost." *Mid America Farmer Grower* 34(17). April 26, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "A snapshot of US food and nutrition programs." *Mid America Farmer Grower* 34(16). April 19, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "What a food consumer wants." *Mid America Farmer Grower* 34(15). April 12, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "COOL: some are for it, some are not." *Mid America Farmer Grower* 34(14). April 5, 2013.

- Ray, Daryll E. and Harwood D. Schaffer. "What's new in the proposed AMS rule on COOL." Mid America Farmer Grower 34(13). March 29, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "COOL itself is not ruled illegal by WTO but finds label wording to be a problem." Mid America Farmer Grower 34(12). March 22, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Combest's path to a more effective and less costly farm legislation." Mid America Farmer Grower 34(11). March 15, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Crop insurance and conservation compliance." Mid America Farmer Grower 34(10). March 8, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "The obesity puzzle." Mid America Farmer Grower 34(9). March 1, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Adjusting farm policy in light of changing societal concerns." Mid America Farmer Grower 34(8). February 22, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Defensible farm policy: Help protect farm incomes during the bad times." Mid America Farmer Grower 34(7). February 15, 2013.
- Ray, Daryll E. and Harwood D. Schaffer. "Food accessibility." Mid America Farmer Grower 34(6). February 8, 2013.
- Ray, Daryll E. and Harwood D. Schaffer, "The farm bill and environmental sustainability," Policy Pennings, Mid America Farmer Grower, (34)5, February 1, 2013.
- Ray, Daryll E. and Harwood D. Schaffer, "Hazard analysis and risk-based control points (HACCP) not just for meat anymore," Policy Pennings, Mid America Farmer Grower, (34)4, January 25, 2013.
- Ray, Daryll E. and Harwood D. Schaffer, "Proposed regs on farm-level production of fresh fruits and vegetables," Policy Pennings, Mid America Farmer Grower, (34)3, January 18, 2013.
- Ray, Daryll E. and Harwood D. Schaffer, "FDA's newly proposed food safety regs," Policy Pennings, Mid America Farmer Grower, (34)2, January 11, 2013.
- Ray, Daryll E. and Harwood D. Schaffer, "Food stamp issues include its funding but also proposed means to improve nutrition," Policy Pennings, Mid America Farmer Grower, (34)1, January 4, 2013.
- Ray, Daryll E. and Harwood D. Schaffer, "Vilsack says Rural America needs a new mindset," Policy Pennings, Mid America Farmer Grower, (33)52, December 28, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Vilsack to Ag: Choose your battles carefully; your credibility is at stake," Policy Pennings, Mid America Farmer Grower, (33)51, December 21, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "EPA's decision to not grant RFS waiver grounded in computer simulation analyses," Policy Pennings, Mid America Farmer Grower, (33)50, December 14, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "EPA: RFS waiver issues include one-year vs. permanent and legislative semantics," Policy Pennings, Mid America Farmer Grower, (33)49, December 7, 2012.

- Ray, Daryll E. and Harwood D. Schaffer, "Ethanol's use in gasoline production would be the same with or without RFS," Policy Pennings, Mid America Farmer Grower, (33)48, November 30, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Feeding the world's hungry and growing population," Policy Pennings, Mid America Farmer Grower, (33)47, November 23, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Land prices," Policy Pennings, Mid America Farmer Grower, (33)46, November 16, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Categorical eligibility for food stamps: It's origin and adoption by states," Policy Pennings, Mid America Farmer Grower, (33)45, November 9, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "University study: Three or four year crop rotation as profitable as corn/soybean rotation," Policy Pennings, Mid America Farmer Grower, (33)44, November 2, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Handling of livestock and modern sensitivities," Policy Pennings, Mid America Farmer Grower, (33)43, October 26, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Commodity programs not needed if demand outpaces supply," Policy Pennings, Mid America Farmer Grower, (33)42, October 19, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Is Brazil the reservoir of future agricultural productive capacity?" Policy Pennings, Mid America Farmer Grower, (33)41, October 12, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Exceptionally high prices are nice, but they usually worsen future low-price problems," Policy Pennings, Mid America Farmer Grower, (33)40, October 5, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Grain reserves: A much needed discussion, though some see it as off-the-table," Policy Pennings, Mid America Farmer Grower, (33)39, September 28, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Two approaches to the obesity epidemic in the U.S.," Policy Pennings, Mid America Farmer Grower, (33)38, September 21, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "It's time to decide: A new farm bill or a one-year extension," Policy Pennings, Mid America Farmer Grower, (33)37, September 14, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Worst drought in decades and U.S. net farm income is projected to increase—how can that be?" Policy Pennings, Mid America Farmer Grower, (33)36, September 7, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Efforts afoot to get a Farm Bill passed by the end of September," Policy Pennings, Mid America Farmer Grower, (33)35, August 31, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Multiple predicaments: One core solution," Policy Pennings, Mid America Farmer Grower, (33)34, August 24, 2012.

- Ray, Daryll E. and Harwood D. Schaffer, "The full force of corn's production shortfall to be felt by corn demanders," Policy Pennings, Mid America Farmer Grower, (33)33, August 17, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Grasscutters that provide food, not manicured lawns," Policy Pennings, Mid America Farmer Grower, (33)32, August 10, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Production destruction leads to both short-term and long-term demand destruction," Policy Pennings, Mid America Farmer Grower, (33)31, August 3, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Drought and passage of the 2012 Farm Bill," Policy Pennings, Mid America Farmer Grower, (33)30, July 27, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Corn yields do not have to drop to 1988 levels to cause greater than 1988 market havoc," Policy Pennings, Mid America Farmer Grower, (33)29, July 20, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "New USDA procedures to reduce "high event" E. coli O157:H7 contaminations," Policy Pennings, Mid America Farmer Grower, (33)28, July 13, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "USDA publishes specifics on new E. coli O157:H7 traceback procedures," Policy Pennings, Mid America Farmer Grower, (33)27, July 6, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Senate farm bill proposal assumes current crop-price conditions," Policy Pennings, Mid America Farmer Grower, (33)26, June 29, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Judge rules against FDA a second time on subtherapeutic use of antibiotics," Policy Pennings, Mid America Farmer Grower, (33)25, June 22, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Crop insurance's need to guard against guaranteeing profits on marginal land," Policy Pennings, Mid America Farmer Grower, (33)24, June 15, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Public trust is a terrible thing to waste," Policy Pennings, Mid America Farmer Grower, (33)23, June 8, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Revenue insurance: Adds a layer of middlemen and self-lowering safety net," Policy Pennings, Mid America Farmer Grower, (33)22, June 1, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Price and yield (and revenue) risks: Is insurance up to the task of handling them all?" Policy Pennings, Mid America Farmer Grower, (33)21, May 25, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Lucas and Peterson: Crop insurance is not a safety net when prices collapse," Policy Pennings, Mid America Farmer Grower, (33)20, May 18, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "E. Coli O157:H7 contamination: Now USDA will traceback to slaughter-plant source," Policy Pennings, Mid America Farmer Grower, (33)19, May 11, 2012.

- Ray, Daryll E. and Harwood D. Schaffer, "BSE safeguards are working but continued vigilance is needed," Policy Pennings, Mid America Farmer Grower, (33)18, May 4, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "China's agricultural future: Adopt U.S. developed technologies," Policy Pennings, Mid America Farmer Grower, (33)17, April 27, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "FDA issues more "guidance" seemingly disregarding court antibiotic ruling," Policy Pennings, Mid America Farmer Grower, (33)16, April 20, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Pink slime: An object lesson for the meat industry?" Policy Pennings, Mid America Farmer Grower, (33)15, April 13, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Does the use of subtherapeutic levels of penicillin in animal feed meet "responsible and judicious use" standards of the AVMA?" Policy Pennings, Mid America Farmer Grower, (33)14, April 6, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Antibiotics court order based on what happened, and didn't happen, 35 years ago," Policy Pennings, Mid America Farmer Grower, (33)13, March 30, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "NFU's Market-Driven Inventory System: Estimated impacts compared to current policy," Policy Pennings, Mid America Farmer Grower, (33)12, March 23, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Farm programs indirectly affect agribusiness sales—increasingly with direct cash subsidies," Policy Pennings, Mid America Farmer Grower, (33)11, March 16, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Several countries are ramping up corn production (and corn exports)," Policy Pennings, Mid America Farmer Grower, (33)10, March 9, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Will savings and logic be enough to carry the day with Congress?" Policy Pennings, Mid America Farmer Grower, (33)9, March 2, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Crop insurers react to FSA employees' proposal," Policy Pennings, Mid America Farmer Grower, (33)8, February 24, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "FSA employees' association says: "Let us do the crop insurance"," Policy Pennings, Mid America Farmer Grower, (33)7, February 17, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Will there be a 2012 Farm Bill?" Policy Pennings, Mid America Farmer Grower, (33)6, February 10, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "Rationale and wording of government regs always available in the published rule," Policy Pennings, Mid America Farmer Grower, (33)5, February 3, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "FDA's reasoning behind restricting use of cephalosporins for food-producing animals," Policy Pennings, Mid America Farmer Grower, (33)4, January 27, 2012.

- Ray, Daryll E. and Harwood D. Schaffer, "FDA restricts use of cephalosporin in food-producing animals years after original order," Policy Pennings, Mid America Farmer Grower, (33)3, January 20, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "USDA's analysis of costs and benefits of Packers and Stockyards rule," Policy Pennings, Mid America Farmer Grower, (33)2, January 13, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "GIPSA final rule: Issues relating to arbitration and the rule's overall impact," Policy Pennings, Mid America Farmer Grower, (33)1, January 6, 2012.
- Ray, Daryll E. and Harwood D. Schaffer, "GIPSA issues final rule on suspension of bird deliveries," Policy Pennings, Mid America Farmer Grower, (32)52, December 30, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Eleven proposed GIPSA rules did not make the final cut," Policy Pennings, Mid America Farmer Grower, (32)51, December 23, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Research needed to improve crop adaptation to changing global climates," Policy Pennings, Mid America Farmer Grower, (32)50, December 16, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Global warming: The argument vs. assessing the risk," Policy Pennings, Mid America Farmer Grower, (32)49, December 9, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "No farm bill served-up by supercommittee so back to square one," Policy Pennings, Mid America Farmer Grower, (32)48, December 2, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Fonio, a crabgrass relative and a hardy grain, supplies nutrition to millions in Africa," Policy Pennings, Mid America Farmer Grower, (32)47, November 25, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Economist's suggestion: Revamp revenue insurance to reduce taxpayer-paid windfalls," Policy Pennings, Mid America Farmer Grower, (32)46, November 18, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Environmental Working Group proposes major changes in farm program," Policy Pennings, Mid America Farmer Grower, (32)45, November 11, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Farmers have consistently produced themselves out of prosperity - what about this time?" Policy Pennings, Mid America Farmer Grower, (32)44, November 4, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "American Soybean Association pitches its farm program proposal into the 2012 FB ring," Policy Pennings, Mid America Farmer Grower, (32)43, October 28, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "NCGA proposes ACRE modifications for 2012 Farm Bill," Policy Pennings, Mid America Farmer Grower, (32)42, October 21, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Insurance is an effective within-year price safety net but fails across years," Policy Pennings, Mid America Farmer Grower, (32)41, October 14, 2011.

- Ray, Daryll E. and Harwood D. Schaffer, "American Farm Bureau's farm bill proposal," Policy Pennings, Mid America Farmer Grower, (32)40, October 7, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Impacts of a farm policy do-over for historical 1998 to 2010," Policy Pennings, Mid America Farmer Grower, (32)39, September 30, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "A GIPSA study and its analysis," Policy Pennings, Mid America Farmer Grower, (32)38, September 23, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Negative reaction to GIPSA rule may actually reinforce its justification," Policy Pennings, Mid America Farmer Grower, (32)37, September 16, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "GIPSA: Does discriminatory behavior include issues of unequal access?" Policy Pennings, Mid America Farmer Grower, (32)36, September 9, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Food stamp program (SNAP) taking a severe hit, as unemployment remains high," Policy Pennings, Mid America Farmer Grower, (32)35, September 2, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "New regulations coming on milk spills, dust, and pond water? No, but rumors persist," Policy Pennings, Mid America Farmer Grower, (32)34, August 26, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Dietary guidelines over the years: Many changes but still no mention of chocolate," Policy Pennings, Mid America Farmer Grower, (32)33, August 19, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Polls provide useful information but how poll questions are worded matter," Policy Pennings, Mid America Farmer Grower, (32)32, August 12, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Continuing the tradition of wearing the white hat of environmental stewardship," Policy Pennings, Mid America Farmer Grower, (32)31, August 5, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "If others cannot afford what we produce, how does that play out?" Policy Pennings, Mid America Farmer Grower, (32)30, July 29, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "A fruit that "gets to the heart of so many vital African needs"," Policy Pennings, Mid America Farmer Grower, (32)29, July 22, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Local food staples in developing countries not always wheat, rice, or corn," Policy Pennings, Mid America Farmer Grower, (32)28, July 15, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "A weed to us, a food to others," Policy Pennings, Mid America Farmer Grower, (32)27, July 8, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Pathogen responsible for the German E. coli outbreak has distinguishing features," Policy Pennings, Mid America Farmer Grower, (32)26, July 1, 2011.

- Ray, Daryll E. and Harwood D. Schaffer, "Food Safety: Is it time to seriously consider routine use of irradiation?" Policy Pennings, Mid America Farmer Grower, (32)25, June 24, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "German E. coli outbreak: Are there lessons to be learned?" Policy Pennings, Mid America Farmer Grower, (32)24, June 17, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "E. coli again: A troubling new twist with serious consequences," Policy Pennings, Mid America Farmer Grower, (32)23, June 10, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Determining the agriculture budget for 2012—Round one," Policy Pennings, Mid America Farmer Grower, (32)22, June 3, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "'Unjustified perceptions' explain why Africa's indigenous grains are not well known," Policy Pennings, Mid America Farmer Grower, (32)21, May 27, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Public research on indigenous cereal seed varieties could be a key to increasing food supplies in Africa," Policy Pennings, Mid America Farmer Grower, (32)20, May 20, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Current farm programs deserve criticism—they violate original farm policy intent," Policy Pennings, Mid America Farmer Grower, (32)19, May 13, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Replacing the 'buffer' created by world's starving and hungry with a grain buffer," Policy Pennings, Mid America Farmer Grower, (32)18, May 6, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "The second International Dakar Agricultural Forum: Learning from the past, looking to the future," Policy Pennings, Mid America Farmer Grower, (32)17, April 29, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "A nineteenth century farm with twenty-first century technology—back to the food/fiber/fuel future?" Policy Pennings, Mid America Farmer Grower, (32)16, April 22, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Forces affecting investment in agricultural technology and infrastructure," Policy Pennings, Mid America Farmer Grower, (32)15, April 15, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "How does the need to double world crop production by 2050 compare with the growth in crop output of the last 40 years?" Policy Pennings, Mid America Farmer Grower, (32)14, April 8, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Feeding the hungry in developing countries: A growth market for U.S. grain agriculture?" Policy Pennings, Mid America Farmer Grower, (32)13, April 1, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Today's commodity programs: A safety net turned on its head?" Policy Pennings, Mid America Farmer Grower, (32)12, March 25, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "EPA's Jackson says recent allegations of regulation overreach are not justified," Policy Pennings, Mid America Farmer Grower, (32)11, March 18, 2011.

- Ray, Daryll E. and Harwood D. Schaffer, "Land prices are up, up, but let's hope not away—like a bubble," Policy Pennings, Mid America Farmer Grower, (32)10, March 11, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Guidance document provides FDA's current thinking on use of antibiotics in food animals," Policy Pennings, Mid America Farmer Grower, (32)9, March 4, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "USDA to prepare carbon measurement and management guidelines," Policy Pennings, Mid America Farmer Grower, (32)8, February 25, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Farmers adjust acreage to high prices," Policy Pennings, Mid America Farmer Grower, (32)7, February 18, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Parallels to earlier "new eras:" And to the hangover that ensued?" Policy Pennings, Mid America Farmer Grower, (32)6, February 11, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Global warming is happening: How should farmers respond?" Policy Pennings, Mid America Farmer Grower, (32)5, February 4, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Elements of the health care legislation benefit farmers," Policy Pennings, Mid America Farmer Grower, (32)4, January 28, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "New York Times attacks farm programs for all the wrong reasons," Policy Pennings, Mid America Farmer Grower, (32)3, January 21, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Exports, uncertainty and the size of the ongoing "food crisis"," Policy Pennings, Mid America Farmer Grower, (32)2, January 14, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Index funds and the 2006-2008 run-up in agricultural commodity prices," Policy Pennings, Mid America Farmer Grower, (32)1, January 7, 2011.
- Ray, Daryll E. and Harwood D. Schaffer, "Apples: Crop stocks available as normal market supplies; Oranges: Crop stocks in a reserve," Policy Pennings, Mid America Farmer Grower, (30)53, December 31, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Cost-plus pricing of major crops?: Interesting thought but...," Policy Pennings, Mid America Farmer Grower, (30)52, December 24, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Farmers had a major role in jump-starting ethanol-based increases in corn demand," Policy Pennings, Mid America Farmer Grower, (30)51, December 17, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "The crop price run-up: Some proclaimed causes that were not causes after all," Policy Pennings, Mid America Farmer Grower, (30)50, December 10, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "IFPRI's latest analysis of the global food crisis," Policy Pennings, Mid America Farmer Grower, (30)49, December 3, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "The Economic and Political Setting for the 2012 Farm Bill," Policy Pennings, Mid America Farmer Grower, (30)48, November 26, 2010.

- Ray, Daryll E. and Harwood D. Schaffer, "Livestock packers' choice: Instill fear of litigation or deal with "unfair practices?"," Policy Pennings, Mid America Farmer Grower, (30)47, November 19, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "AG questions additional benefits of Monsanto's next generation of Roundup Ready Soybeans," Policy Pennings, Mid America Farmer Grower, (30)46, November 12, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Ethanol and oil subsidies: A case of competing claims and self-justification," Policy Pennings, Mid America Farmer Grower, (30)45, November 5, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Industries being regulated have friends in high places," Policy Pennings, Mid America Farmer Grower, (30)44, October 29, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Putting foxes in the hen houses: Lobby dollars at work?" Policy Pennings, Mid America Farmer Grower, (30)43, October 22, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Food safety laws have created a fragmented system," Policy Pennings, Mid America Farmer Grower, (30)42, October 15, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Food Safety is Job One": A uniform reality or an unachieved goal?" Policy Pennings, Mid America Farmer Grower, (30)41, October 8, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Building a stronger food safety system," Policy Pennings, Mid America Farmer Grower, (30)40, October 1, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Increased production variability," Policy Pennings, Mid America Farmer Grower, (30)39, September 24, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Purely privatized crop insurance program: What does that mean?" Policy Pennings, Mid America Farmer Grower, (30)38, September 17, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "The 2012 Farm Bill: Are high prices the future of agricultural production?" Policy Pennings, Mid America Farmer Grower, (30)37, September 10, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Dealing with "bad actors" in agriculture," Policy Pennings, Mid America Farmer Grower, (30)36, September 3, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "The column's new two-author byline," Policy Pennings, Mid America Farmer Grower, (30)35, August 27, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "What is missing in the balance of power discussions in the livestock industry?" Policy Pennings, Mid America Farmer Grower, (30)34, August 20, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Grain export embargoes: Are they preventable?" Policy Pennings, Mid America Farmer Grower, (30)33, August 13, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "GIPSA responds to "misunderstandings" of proposed rule and extends comment period," Policy Pennings, Mid America Farmer Grower, (30)32, August 6, 2010.

- Ray, Daryll E. and Harwood D. Schaffer, "GIPSA proposed rules have spawned concerns and divergent implications," Policy Pennings, Mid America Farmer Grower, (30)31, July 30, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "GIPSA rules designed to encourage transparency and discourage arbitrary and non-uniform requirements of producers," Policy Pennings, Mid America Farmer Grower, (30)30, July 23, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Arbitration, adequate notice, required upgrades among issues addressed in GIPSA proposed rule," Policy Pennings, Mid America Farmer Grower, (30)29, July 16, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "USDA claims new GIPSA Section 202 rules clarifies the section's original intent," Policy Pennings, Mid America Farmer Grower, (30)28, July 9, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "A set of policy recommendations aimed at poultry-contracting arrangements," Policy Pennings, Mid America Farmer Grower, (30)27, July 2, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Information on poultry producers' pay and integrators' profits: Integrators have it, producers don't," Policy Pennings, Mid America Farmer Grower, (30)26, June 25, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Putting a pencil to poultry contractor net returns," Policy Pennings, Mid America Farmer Grower, (30)25, June 18, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "National measures of poultry market concentration not the same at producer level," Policy Pennings, Mid America Farmer Grower, (30)24, June 11, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Poultry growers air complaints," Policy Pennings, Mid America Farmer Grower, (30)23, June 4, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "The great rush to over capacity, again," Policy Pennings, Mid America Farmer Grower, (30)22, May 28, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Availability vs. farmers' accessibility to genetic research on food crops," Policy Pennings, Mid America Farmer Grower, (30)21, May 21, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "State Department's document on hunger and food security: Some hits, some misses," Policy Pennings, Mid America Farmer Grower, (30)20, May 14, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "BRICs: A "game changing" group of developing countries?" Policy Pennings, Mid America Farmer Grower, (30)19, May 7, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Bill Gates partners with U.S. and others to boost production of the world's poorest farmers," Policy Pennings, Mid America Farmer Grower, (30)18, April 30, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Soybean exports and the exchange rate puzzle," Policy Pennings, Mid America Farmer Grower, (30)17, April 23, 2010.

- Ray, Daryll E. and Harwood D. Schaffer, "The relationship between U.S. wheat exports and exchange rates," Policy Pennings, Mid America Farmer Grower, (30)16, April 16, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Exchange rates and corn exports," Policy Pennings, Mid America Farmer Grower, (30)15, April 9, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Battling world hunger by increasing global production?" Policy Pennings, Mid America Farmer Grower, (30)14, April 2, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Current farm policy is based on an export-centric narrative," Policy Pennings, Mid America Farmer Grower, (30)13, March 26, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "World less dependent on U.S. crop exports in 2009 than in 1980," Policy Pennings, Mid America Farmer Grower, (30)12, March 19, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Future U.S. soybean exports will be largely determined by China and Brazil," Policy Pennings, Mid America Farmer Grower, (30)11, March 12, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Since 1980 U.S. wheat exports down by half while competitors' exports double," Policy Pennings, Mid America Farmer Grower, (30)10, March 5, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Comparing 1980 and 2009, world corn production roughly doubled while exports are nearly the same," Policy Pennings, Mid America Farmer Grower, (30)9, February 26, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Is it livestock's turn to experience grain's export turbulence?" Policy Pennings, Mid America Farmer Grower, (30)8, February 19, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Exports: Agriculture's holy grail," Policy Pennings, Mid America Farmer Grower, (30)7, February 12, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Farmers have a stake in the health care debate," Policy Pennings, Mid America Farmer Grower, (30)6, February 5, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "If beef producers were to give advice to industry officials, what might they say?" Policy Pennings, Mid America Farmer Grower, (30)5, January 29, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Roundup Ready generics: New opportunities but also new obstacles?" Policy Pennings, Mid America Farmer Grower, (30)4, January 22, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Antibiotic use in livestock production," Policy Pennings, Mid America Farmer Grower, (30)3, January 15, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "China takes care of China," Policy Pennings, Mid America Farmer Grower, (30)2, January 8, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "Soybeans: A decade of remarkable growth," Policy Pennings, Mid America Farmer Grower, (30)1, January 1, 2010.
- Ray, Daryll E. and Harwood D. Schaffer, "It has been a challenging year," Policy Pennings, Mid America Farmer Grower, (29)52, December 25, 2009.

- Ray, Daryll E. and Harwood D. Schaffer, "Additional contracting rules for poultry growers spelled out," Policy Pennings, Mid America Farmer Grower, (29)51, December 18, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "New poultry contract rules designed to better protect grower," Policy Pennings, Mid America Farmer Grower, (29)50, December 11, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Development policy driven by common sense not edicts," Policy Pennings, Mid America Farmer Grower, (29)49, December 4, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Will meeting food needs in 2050 be effectively addressed or be more of the same?" Policy Pennings, Mid America Farmer Grower, (29)48, November 27, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Livestock sector: clash between more variability in demand and less flexibility in supply," Policy Pennings, Mid America Farmer Grower, (29)47, November 20, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Food security is ultimately defined at the household level," Policy Pennings, Mid America Farmer Grower, (29)46, November 13, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Prescriptive agricultural policy for developing countries: Back to basics," Policy Pennings, Mid America Farmer Grower, (29)45, November 6, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Helping developing nations improve their agricultures requires humility and focus," Policy Pennings, Mid America Farmer Grower, (29)44, October 30, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Increased agricultural productivity is one piece of a complex puzzle," Policy Pennings, Mid America Farmer Grower, (29)43, October 23, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Reaction to the New York Times E. coli story," Policy Pennings, Mid America Farmer Grower, (29)42, October 16, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Dairy's financial problems outstrip usual ups and downs," Policy Pennings, Mid America Farmer Grower, (29)41, October 9, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "The morphing of crop insurance," Policy Pennings, Mid America Farmer Grower, (29)40, October 2, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Earning a living from the marketplace," Policy Pennings, Mid America Farmer Grower, (29)39, September 25, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Corn crop looks good, maybe too good," Policy Pennings, Mid America Farmer Grower, (29)38, September 18, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "The latest on Brazil vs. U.S. cotton," Policy Pennings, Mid America Farmer Grower, (29)37, September 11, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "The hog industry: It wasn't supposed to happen this way!," Policy Pennings, Mid America Farmer Grower, (29)36, September 4, 2009.

- Ray, Daryll E. and Harwood D. Schaffer, "Recall notices serve the intended legal purpose but leave some questions unanswered," Policy Pennings, Mid America Farmer Grower, (29)35, August 28, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "The perils of split governmental approvals," Policy Pennings, Mid America Farmer Grower, (29)34, August 21, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "New beef E. coli O157:H7 regulations—Just kick the can further down the road?" Policy Pennings, Mid America Farmer Grower, (29)33, August 14, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Careful food preparation is a necessary but not sufficient condition to reduce foodborne illnesses," Policy Pennings, Mid America Farmer Grower, (29)32, August 7, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Food Safety Working Group," Policy Pennings, Mid America Farmer Grower, (29)31, July 31, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Controlling E. coli in hamburger requires "meat ID" not animal ID," Policy Pennings, Mid America Farmer Grower, (29)30, July 24, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Systemic sources of bacterial contamination of meat, but where is the outrage?" Policy Pennings, Mid America Farmer Grower, (29)29, July 17, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Legislators overlook serious flaw in USDA's HACCP food-safety system—while promoting its adoption by FDA," Policy Pennings, Mid America Farmer Grower, (29)28, July 10, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "The looming food crisis?" Policy Pennings, Mid America Farmer Grower, (29)27, July 3, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Public Policy: For the Public Good or Private Profit?" Policy Pennings, Mid America Farmer Grower, (29)26, June 26, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Policy shifts can be penny wise but dollar foolish," Policy Pennings, Mid America Farmer Grower, (29)25, June 19, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Driven by ethanol at break-neck speed," Policy Pennings, Mid America Farmer Grower, (29)24, June 12, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Impact of massive grain price increases on consumer food prices," Policy Pennings, Mid America Farmer Grower, (29)23, June 5, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Livestock producers have a major stake in the direction of commodity programs," Policy Pennings, Mid America Farmer Grower, (29)22, May 29, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Producers leery of grain reserve: The concept or the implementation?" Policy Pennings, Mid America Farmer Grower, (29)21, May 22, 2009.

- Ray, Daryll E. and Harwood D. Schaffer, "Collateral damage and response to the food crisis: It wasn't supposed to be this way," Policy Pennings, Mid America Farmer Grower, (29)20, May 15, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Are CAFOs and small-producers entering a time of benign co-existence?" Policy Pennings, Mid America Farmer Grower, (29)19, May 8, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "CAFO critics promote alternative approaches to production," Policy Pennings, Mid America Farmer Grower, (29)18, May 1, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "In theory contracting reduces farmers' risk but not always in practice," Policy Pennings, Mid America Farmer Grower, (29)17, April 24, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Indeed CAFOs have their critics," Policy Pennings, Mid America Farmer Grower, (29)16, April 17, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Livestock production enterprises: Transformation in size was a gradual process," Policy Pennings, Mid America Farmer Grower, (29)15, April 10, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "The food inspection system needs improvement: Who pays for it?" Policy Pennings, Mid America Farmer Grower, (29)14, April 3, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Energy cost: Pay now or pay later," Policy Pennings, Mid America Farmer Grower, (29)13, March 27, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "No time to get greedy," Policy Pennings, Mid America Farmer Grower, (29)12, March 20, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Commodity policy at a crossroad," Policy Pennings, Mid America Farmer Grower, (29)11, March 13, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "\$500,000 in sales does not (usually) a viable net income make," Policy Pennings, Mid America Farmer Grower, (29)10, March 6, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Thailand and Vietnam offer a pattern for international agricultural policy?" Policy Pennings, Mid America Farmer Grower, (29)9, February 27, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Expensive Stimulus bill is a bargain if it helps prevent a full-blown depression," Policy Pennings, Mid America Farmer Grower, (29)8, February 20, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Farm program signup is no walk in the park this year," Policy Pennings, Mid America Farmer Grower, (29)7, February 13, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "On leaving food inspection to the foxes," Policy Pennings, Mid America Farmer Grower, (29)6, February 6, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Has Ethanol's boost to corn prices run its course?" Policy Pennings, Mid America Farmer Grower, (29)5, January 30, 2009.

- Ray, Daryll E. and Harwood D. Schaffer, "We pasteurize milk: Should similar protection be mandated for other foods?" Policy Pennings, Mid America Farmer Grower, (29)4, January 23, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Corn export demand to drop by 28 percent because other countries growing their own," Policy Pennings, Mid America Farmer Grower, (29)3, January 16, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Honey that's not so sweet," Policy Pennings, Mid America Farmer Grower, (29)2, January 9, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "Worst financial Crisis in Decades and the Usual Remedies Are Unavailable," Policy Pennings, Mid America Farmer Grower, (29)1, January 2, 2009.
- Ray, Daryll E. and Harwood D. Schaffer, "WTO trade negotiations: Implications for the U.S. and developing countries," Policy Pennings, Mid America Farmer Grower, (28)52, December 26, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Building agricultural and food policy from the ground up, beginning with key concepts," Policy Pennings, Mid America Farmer Grower, (28)51, December 19, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Leading statements can cause farmers to jump to incorrect conclusions," Policy Pennings, Mid America Farmer Grower, (28)50, December 12, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Supply response to sky-high prices: old reliables and an eye-opening new approach," Policy Pennings, Mid America Farmer Grower, (28)49, December 5, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "GMA rails against ethanol subsidies but benefited from federal farm subsidies for years," Policy Pennings, Mid America Farmer Grower, (28)48, November 28, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "It is no wonder agriculture has been a Doha stumbling block," Policy Pennings, Mid America Farmer Grower, (28)47, November 21, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Corn prices have tumbled-USDA's price forecast, not so much," Policy Pennings, Mid America Farmer Grower, (28)46, November 14, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "President Clinton discusses food aid and other agricultural issues with the benefit of hindsight," Policy Pennings, Mid America Farmer Grower, (28)45, November 7, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Financial and food crises shock one and all-even revered policy wonks," Policy Pennings, Mid America Farmer Grower, (28)44, October 31, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "A new plateau for corn prices would be nice but is it realistic?" Policy Pennings, Mid America Farmer Grower, (28)43, October 24, 2008.

- Ray, Daryll E. and Harwood D. Schaffer, "Dealing with the credit crisis down on the farm," Policy Pennings, Mid America Farmer Grower, (28)42, October 17, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "With meat packer applause, USDA undermines the legislative intent of COOL," Policy Pennings, Mid America Farmer Grower, (28)41, October 10, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Is extremism in the name of free markets a virtue or a vice?" Policy Pennings, Mid America Farmer Grower, (28)40, October 3, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "USDA Farm Bill rules and regs-legislating from the executive bench," Policy Pennings, Mid America Farmer Grower, (28)39, September 26, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Creekstone BSE case: Latest rulings and a "new test" development," Policy Pennings, Mid America Farmer Grower, (28)38, September 19, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Washington consensus phase II?" Policy Pennings, Mid America Farmer Grower, (28)37, September 12, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "World Bank studies beginning to acknowledge the elephants in the global living room?" Policy Pennings, Mid America Farmer Grower, (28)36, September 5, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Doha: Agricultural negotiations and the Hippocratic oath," Policy Pennings, Mid America Farmer Grower, (28)35, August 29, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Reasons for Doha's collapse are more deeply-rooted than the "flood of imports" sound bite," Policy Pennings, Mid America Farmer Grower, (28)34, August 22, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Doha confusion: Came early and stayed lat," Policy Pennings, Mid America Farmer Grower, (28)33, August 15, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "What happens when WTO sees agriculture as just another industry?" Policy Pennings, Mid America Farmer Grower, (28)32, August 8, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "It is hazardous to predict the future: More so if half of the factors are ignored," Policy Pennings, Mid America Farmer Grower, (28)31, August 1, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "A 1,700 acre farming operation in China and Saturday-night like activity in town," Policy Pennings, Mid America Farmer Grower, (28)30, July 25, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "China: Black soil, tractors and nematodes," Policy Pennings, Mid America Farmer Grower, (28)29, July 18, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Touring the black soil area of China," Policy Pennings, Mid America Farmer Grower, (28)28, July 11, 2008.

- Ray, Daryll E. and Harwood D. Schaffer, "China's dramatic growth in soybean imports and its commodity price impact," Policy Pennings, Mid America Farmer Grower, (28)27, July 4, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "China imports U.S. poultry: U.S. flock size and corn demand virtually unaffected," Policy Pennings, Mid America Farmer Grower, (28)26, June 27, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Agriculture in the North China Plain," Policy Pennings, Mid America Farmer Grower, (28)25, June 20, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Windshield farming in China," Policy Pennings, Mid America Farmer Grower, (28)24, June 13, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Since 2000, China has reduced massive rice and wheat stock levels but are now exporters of both," Policy Pennings, Mid America Farmer Grower, (28)23, June 6, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "USDA top officials versus USDA data," Policy Pennings, Mid America Farmer Grower, (28)22, May 30, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Data show that China's more meat-based diet is NOT the cause of ballooned international corn prices?" Policy Pennings, Mid America Farmer Grower, (28)21, May 23, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "China's meat consumption and production trends," Policy Pennings, Mid America Farmer Grower, (28)20, May 16, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "As Yogi Berra would say: It's déjà vu all over again," Policy Pennings, Mid America Farmer Grower, (28)19, May 9, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Conventional wisdom versus learning from history," Policy Pennings, Mid America Farmer Grower, (28)18, May 2, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "How does this crop price run-up compare with previous price surges?" Policy Pennings, Mid America Farmer Grower, (28)17, April 25, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "How to really disrupt international agricultural trade, now and in the future," Policy Pennings, Mid America Farmer Grower, (28)16, April 18, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "A likely farm bill result: Prove farm program critics to be correct?" Policy Pennings, Mid America Farmer Grower, (28)15, April 11, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "One could say the cupboard is bare but actually there is no cupboard," Policy Pennings, Mid America Farmer Grower, (28)14, April 4, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Agriculture getting more mainstream press attention, but analysis often lacking," Policy Pennings, Mid America Farmer Grower, (28)13, March 28, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "From whence came the E. coli that caused recalls?" Policy Pennings, Mid America Farmer Grower, (28)12, March 21, 2008.

- Ray, Daryll E. and Harwood D. Schaffer, "The current system puts meat processors in charge of determining and addressing food safety risks," Policy Pennings, Mid America Farmer Grower, (28)11, March 14, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Meat inspection: Why the fuss?" Policy Pennings, Mid America Farmer Grower, (28)10, March 7, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Shifting Direct Payments from being a black eye to strengthening the safety net," Policy Pennings, www.agpolicy.org, February 29, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Futures and fundamentals," Policy Pennings, Mid America Farmer Grower, (28)9, February 29, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "It sure looks like a new price plateau; What about net returns?" Policy Pennings, Mid America Farmer Grower, (28)8, February 22, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Numbers, numbers and more numbers: Sorting out farm bill payment proposals," Policy Pennings, Mid America Farmer Grower, (28)7, February 15, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "It's all in the grammar," Policy Pennings, Mid America Farmer Grower, (28)6, February 8, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Bill Gates on making capitalism even more creative," Policy Pennings, Mid America Farmer Grower, (28)5, February 1, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "The hazards of debating farm policy when economic conditions are not typical," Policy Pennings, Mid America Farmer Grower, (28)4, January 25, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Importance of farm-based energy production has come full circle," Policy Pennings, Mid America Farmer Grower, (28)3, January 18, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "Five, ten, fifteen - dollars per bushel, that is," Policy Pennings, Mid America Farmer Grower, (28)2, January 11, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "The question is: Which increases production more LDPs or current price levels?" Policy Pennings, Mid America Farmer Grower, (28)1, January 4, 2008.
- Ray, Daryll E. and Harwood D. Schaffer, "WTO: Needs a "blue light (box) special" for agriculture," Policy Pennings, Mid America Farmer Grower, (24)52, December 28, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Perfect record on predicting China corn imports so far: Always wrong," Policy Pennings, Mid America Farmer Grower, (24)51, December 21, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Hope for the best but plan for the worst," Policy Pennings, Mid America Farmer Grower, (24)50, December 14, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Fact or fantasy?: Farm legislation need not prepare for \$2 corn," Policy Pennings, Mid America Farmer Grower, (24)49, December 7, 2007.

- Ray, Daryll E. and Harwood D. Schaffer, "Noted climatologist says we may be due for a major Midwestern drought," Policy Pennings, Mid America Farmer Grower, (24)48, November 30, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Reforming farm programs: Remember to consider underlying assumptions," Policy Pennings, Mid America Farmer Grower, (24)47, November 23, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Should agricultural policy address short-term problems or long-term problems?" Policy Pennings, Mid America Farmer Grower, (24)46, November 16, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Senate FB addresses livestock producers' concerns," Policy Pennings, Mid America Farmer Grower, (24)45, November 9, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "ACR: Strong safety net when prices are high but snaps when prices fall," Policy Pennings, Mid America Farmer Grower, (24)44, November 2, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Irradiation of high-risk foods: Has its time come?" Policy Pennings, Mid America Farmer Grower, (24)43, October 26, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Some coffee sold in Canadian stores is labeled as "Product of Canada"!", Policy Pennings, Mid America Farmer Grower, (24)42, October 19, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Farm bill deliberations: The beat goes on," Policy Pennings, Mid America Farmer Grower, (24)41, October 12, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Have we reached a new permanent plateau in crop prices?" Policy Pennings, Mid America Farmer Grower, (24)40, October 5, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Studies consider community effects of family-sized versus industrialized farming operations," Policy Pennings, Mid America Farmer Grower, (24)39, September 28, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "In an urban culture, millions of people and most areas remain rural," Policy Pennings, Mid America Farmer Grower, (24)38, September 21, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Would rebalancing currency values increase agricultural exports to China?" Policy Pennings, Mid America Farmer Grower, (24)37, September 14, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Export-led prosperity: That sounds familiar," Policy Pennings, Mid America Farmer Grower, (24)36, September 7, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Decoupled payments and shell games," Policy Pennings, Mid America Farmer Grower, (24)35, August 31, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Decoupled payments: Australians ask, decoupled from what?" Policy Pennings, Mid America Farmer Grower, (24)34, August 24, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Farm bill issues awaiting Senate consideration," Policy Pennings, Mid America Farmer Grower, (24)33, August 17, 2007.

- Ray, Daryll E. and Harwood D. Schaffer, "Reform is in the eye of the beholder," Policy Pennings, Mid America Farmer Grower, (24)32, August 10, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "The House puts their version of the farm bill into play," Policy Pennings, Mid America Farmer Grower, (24)31, August 3, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "The legislative journey to a new farm bill has started," Policy Pennings, Mid America Farmer Grower, (24)30, July 27, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Is full information for consumers a protectionist measure?" Policy Pennings, Mid America Farmer Grower, (24)29, July 20, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Surviving the Southeast's worst drought in 118 years," Policy Pennings, Mid America Farmer Grower, (24)28, July 13, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Corn, corn, and more corn," Policy Pennings, Mid America Farmer Grower, (24)27, July 6, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Colombia's "Juan Valdez" to produce corn as well as coffee," Policy Pennings, Mid America Farmer Grower, (24)26, June 29, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Reserve Issues: One is its effect on prices," Policy Pennings, Mid America Farmer Grower, (24)25, June 22, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Cooperatives provide independence and a counterbalance," Policy Pennings, Mid America Farmer Grower, (24)24, June 15, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Food safety is a key component of public policy," Policy Pennings, Mid America Farmer Grower, (24)23, June 8, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Protecting crop farmers and corn users with a corn reserve," Policy Pennings, Mid America Farmer Grower, (24)22, June 1, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "It's futile to push on the corn ethanol barn door—it's a grain reserve that is needed," Policy Pennings, Mid America Farmer Grower, (24)21, May 25, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Food ingredients can cost less if manufacturing standards are skipped," Policy Pennings, Mid America Farmer Grower, (24)20, May 18, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "When it comes to food safety: Trust but verify," Policy Pennings, Mid America Farmer Grower, (24)19, May 11, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Were our pets canaries in the mineshaft of food ingredient imports?" Policy Pennings, Mid America Farmer Grower, (24)18, May 4, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Profitability in crop and livestock sectors," Policy Pennings, Mid America Farmer Grower, (24)17, April 27, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Harkin raises issue of shifting direct payment money to other ag uses," Policy Pennings, Mid America Farmer Grower, (24)16, April 20, 2007.

- Ray, Daryll E. and Harwood D. Schaffer, "Marketing E85: Big oil obstacles and ethanol industry opportunities," Policy Pennings, Mid America Farmer Grower, (24)15, April 13, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "The challenges of peak production: Drawing lessons from the past," Policy Pennings, Mid America Farmer Grower, (24)14, April 6, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Precarious price conditions could last awhile; fill grain reserve when prices slip," Policy Pennings, Mid America Farmer Grower, (24)13, March 30, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Numerous voices will influence the development of the 2007 Farm Bill," Policy Pennings, Mid America Farmer Grower, (24)12, March 23, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Do unusual price multiples signal a larger shift in acreage than expected?" Policy Pennings, Mid America Farmer Grower, (24)11, March 16, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Corn producers in other countries also respond to \$4.00 corn," Policy Pennings, Mid America Farmer Grower, (24)10, March 9, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Corn markets and living on the edge," Policy Pennings, Mid America Farmer Grower, (24)9, March 2, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "When framing a farm bill, betting on "high" prices may be a long shot," Policy Pennings, Mid America Farmer Grower, (24)8, February 23, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "USDA's farm bill announcement dashes expectations of WTO compliance," Policy Pennings, Mid America Farmer Grower, (24)7, February 16, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "USDA's farm bill proposal: Makes the best times better and worst times worse," Policy Pennings, Mid America Farmer Grower, (24)6, February 9, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "The true beneficiaries of recent farm programs: Those who are now complaining," Policy Pennings, Mid America Farmer Grower, (24)5, February 2, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Studies consider community effects of family-sized versus industrialized farming operations," Policy Pennings, Mid America Farmer Grower, (24)4, January 26, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Did NAFTA lift millions out of poverty or feed the flood of illegals into the U.S.," Policy Pennings, Mid America Farmer Grower, (24)3, January 19, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Is ethanol the exploding demand that will save crop agriculture?" Policy Pennings, Mid America Farmer Grower, (24)2, January 12, 2007.

- Ray, Daryll E. and Harwood D. Schaffer, "Will the end of U.S. crop subsidies leave farmers elsewhere better off?" Policy Pennings, Mid America Farmer Grower, (24)1, January 5, 2007.
- Ray, Daryll E. and Harwood D. Schaffer, "Clever money delivery systems," Policy Pennings, Mid America Farmer Grower, (23)52, December 29, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "The present formulation of the WTO issue is backwards," Policy Pennings, Mid America Farmer Grower, (23)51, December 22, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Keeping food safe," Policy Pennings, Mid America Farmer Grower, (23)50, December 15, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Policy for all seasons," Policy Pennings, Mid America Farmer Grower, (23)49, December 8, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Recent corn price swing: "Danged if you do" and "Danged if you don't"," Policy Pennings, Mid America Farmer Grower, (23)48, November 1, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Rural development programs do not protect crop producers' bottom line," Policy Pennings, Mid America Farmer Grower, (23)47, November 24, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "We are no more prepared for an agricultural catastrophe than New Orleans was for Katrina," Policy Pennings, Mid America Farmer Grower, (23)46, November 17, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "25 years of export competitiveness and what do you get...," Policy Pennings, Mid America Farmer Grower, (23)45, November 10, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Focus on farm income variability leads to "fire-insurance-like" policy alternatives," Policy Pennings, Mid America Farmer Grower, (23)44, November 3, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Are the five oft-cited reasons for farm programs actually symptoms of a more basic reason," Policy Pennings, Mid America Farmer Grower, (23)43, October 27, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Johanns' "60 percent of farmers do not receive payments"—A case of correct answer to the wrong question?" Policy Pennings, Mid America Farmer Grower, (23)42, October 20, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Johanns' "facts" divert attention from agriculture's root policy problem?" Policy Pennings, Mid America Farmer Grower, (23)41, October 13, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Ethanol demand and the CRP," Policy Pennings, Mid America Farmer Grower, (23)40, October 6, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "National Grain and Feed Association decry possibility of profitable corn prices," Policy Pennings, Mid America Farmer Grower, (23)39, September 29, 2006.

- Ray, Daryll E. and Harwood D. Schaffer, "The ethanol euphoria," Policy Pennings, Mid America Farmer Grower, (23)38, September 22, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "WTO compliant policies may not address agriculture's major problems," Policy Pennings, Mid America Farmer Grower, (23)37, September 15, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Not all environmental programs may be WTO-compliant," Policy Pennings, Mid America Farmer Grower, (23)36, September 8, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "A 60% reduction in amber box payments? - Don't worry, Be happy!," Policy Pennings, Mid America Farmer Grower, (23)35, August 1, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Agribusinesses practice inventory management, farmers should not (?)," Policy Pennings, Mid America Farmer Grower, (23)34, August 25, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "On accelerating without brakes," Policy Pennings, Mid America Farmer Grower, (23)33, August 18, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Betting the farm on "market access"," Policy Pennings, Mid America Farmer Grower, (23)32, August 11, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Farming the farm program, movin' on up from the sandlots to the big leagues," Policy Pennings, Mid America Farmer Grower, (23)31, August 4, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Using LDPs flood markets and crash prices," Policy Pennings, Mid America Farmer Grower, (23)30, July 28, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "LDPs: Playing limbo by competing with oneself," Policy Pennings, Mid America Farmer Grower, (23)29, July 21, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Washington Post: Farm program statutes and regs cause payment problems," Policy Pennings, Mid America Farmer Grower, (23)28, July 14, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Pounding square pegs into round holes," Policy Pennings, Mid America Farmer Grower, (23)27, July 7, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "African countries tell us what they want from Doha," Policy Pennings, Mid America Farmer Grower, (23)26, June 30, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Johanns' farmer story: A reflection of farmers' behavior or a fairy-tale?" Policy Pennings, Mid America Farmer Grower, (23)25, June 23, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Agriculture dominates many rural counties contrary to USDA designations," Policy Pennings, Mid America Farmer Grower, (23)24, June 16, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "How can it be? A NON-farm-dependent county derives 65% of economy from agriculture," Policy Pennings, Mid America Farmer Grower, (23)23, June 9, 2006.

- Ray, Daryll E. and Harwood D. Schaffer, "What do we mean when we talk about farming/agriculturally-dependent counties?" Policy Pennings, Mid America Farmer Grower, (23)22, June 2, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Proposed farm policy changes in the U.S. vs. Brazil and Canada: Ships passing in the night," Policy Pennings, Mid America Farmer Grower, (23)21, May 26, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Farm Crisis in Brazil: Farmers Block Roads," Policy Pennings, Mid America Farmer Grower, (23)20, May 19, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Are you confused about WTO trade liberalization numbers?" Policy Pennings, Mid America Farmer Grower, (23)19, May 12, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "What is it that distorts markets?" Policy Pennings, Mid America Farmer Grower, (23)18, May 5, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Do "death taxes" cause the death of family farms?" Policy Pennings, Mid America Farmer Grower, (23)17, April 28, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "WTO Development Round misses the poorest of the poor?" Policy Pennings, Mid America Farmer Grower, (23)16, April 21, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Studies consider community effects of family-sized versus industrialized farming operations," Policy Pennings, Mid America Farmer Grower, (23)15, April 14, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Private and public Brazilian research organizations race to be the first to release Asian Rust tolerant soybeans," Policy Pennings, Mid America Farmer Grower, (23)14, April 7, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Today's tropical soybean production was not biologically possible in mid-1970s," Policy Pennings, Mid America Farmer Grower, (23)13, March 31, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Brazil is BIG in terms of production growth and potential," Policy Pennings, Mid America Farmer Grower, (23)12, March 24, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Brazilian oil processing plants, large and small and the large one is wood-fired," Policy Pennings, Mid America Farmer Grower, (23)11, March 17, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Brazil has mammoth land resources and world-class plant breeding research programs," Policy Pennings, Mid America Farmer Grower, (23)10, March 10, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Brazil's climate results in different cropping patterns and equipment use," Policy Pennings, Mid America Farmer Grower, (23)9, March 3, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Brazil crop landscape: Some similarities to U.S., many differences," Policy Pennings, Mid America Farmer Grower, (23)8, February 24, 2006.

- Ray, Daryll E. and Harwood D. Schaffer, "Getting a first-hand look at Brazil," Policy Pennings, Mid America Farmer Grower, (23)7, February 17, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Primer on how to kill a market," Policy Pennings, Mid America Farmer Grower, (23)6, February 10, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "In the agricultural "whodunit," subsidies may not be the prime suspect," Policy Pennings, Mid America Farmer Grower, (23)5, February 3, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Announce the elimination of LDPs and corn prices would jump immediately," Policy Pennings, Mid America Farmer Grower, (23)4, January 27, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "WTO cotton analysis approach cannot be applied to corn," Policy Pennings, Mid America Farmer Grower, (23)3, January 20, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "WTO panel identifies problem, but will their implied solution work?" Policy Pennings, Mid America Farmer Grower, (23)2, January 13, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Yes, Nicholas, it is a market problem!," Policy Pennings, Mid America Farmer Grower, (23)1, January 6, 2006.
- Ray, Daryll E. and Harwood D. Schaffer, "Subsidy elimination: Would it be the panacea seen by some?" Policy Pennings, Mid America Farmer Grower, (22)52, December 30, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Freedom to Farm: The root of current farm-related problems," Policy Pennings, Mid America Farmer Grower, (22)51, December 23, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Errors in methodology can affect policy conclusions," Policy Pennings, Mid America Farmer Grower, (22)50, December 16, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "WTO and the fate of peasant farmers," Policy Pennings, Mid America Farmer Grower, (22)49, December 9, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Asian Crisis Revisited," Policy Pennings, Mid America Farmer Grower, (22)48, December 2, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "If growth in world demand is the key, why are U.S. crop exports not growing?" Policy Pennings, Mid America Farmer Grower, (22)47, November 25, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Would switching to green payments prevent corn piles?" Policy Pennings, Mid America Farmer Grower, (22)46, November 18, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Producers argue for sound science, some consumers prefer precautionary principle," Policy Pennings, Mid America Farmer Grower, (22)45, November 11, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Portman calls for cutting U.S. farm payments by half or more," Policy Pennings, Mid America Farmer Grower, (22)44, November 4, 2005.

- Ray, Daryll E. and Harwood D. Schaffer, "Is it as simple as: EU lowers farm tariffs, U.S. benefits?" Policy Pennings, Mid America Farmer Grower, (22)43, October 28, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "US unveils triple 5-year subsidy reduction plan for agricultural trade," Policy Pennings, Mid America Farmer Grower, (22)42, October 21, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Gleaning the shape of the new farm bill," Policy Pennings, Mid America Farmer Grower, (22)41, October 14, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Insurance being touted as core of 2007 Farm Bill," Policy Pennings, Mid America Farmer Grower, (22)40, October 7, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Two issues may shape the 2007 Farm Bill," Policy Pennings, Mid America Farmer Grower, (22)39, September 30, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Policy premise correct three times a century," Policy Pennings, Mid America Farmer Grower, (22)38, September 23, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Katrina hits agriculture," Policy Pennings, Mid America Farmer Grower, (22)37, September 16, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Hurricane aftermath," Policy Pennings, Mid America Farmer Grower, (22)36, September 9, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Biomass as a part of supply management," Policy Pennings, Mid America Farmer Grower, (22)35, September 2, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Farmer-oriented blueprint increases corn prices 37%," Policy Pennings, Mid America Farmer Grower, (22)34, August 26, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Eliminating commodity programs reduces net farm income by 25%," Policy Pennings, Mid America Farmer Grower, (22)33, August 19, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Pursuing a new vision for agricultural policy: Basic Principles," Policy Pennings, Mid America Farmer Grower, (22)32, August 12, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Farm commodity policy: Cost is an issue," Policy Pennings, Mid America Farmer Grower, (22)31, August 5, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "On eliminating the counter cyclical payments," Policy Pennings, Mid America Farmer Grower, (22)30, July 29, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "The case for eliminating LDPs," Policy Pennings, Mid America Farmer Grower, (22)29, July 22, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Bush calls for elimination of agricultural subsidies," Policy Pennings, Mid America Farmer Grower, (22)28, July 15, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Consumer preference is a demand characteristic," Policy Pennings, Mid America Farmer Grower, (22)27, July 8, 2005.
- Ray, Daryll E., Kelly J. Tiller and Harwood D. Schaffer, "Using biotechnology to improve the yield and quality of rice," Policy Pennings, Mid America Farmer Grower, (22)26, July 1, 2005.

- Ray, Daryll E., Kelly J. Tiller and Harwood D. Schaffer, "Is Bio-pharming Tobacco a Pipe Dream?" Policy Pennings, Mid America Farmer Grower, (22)25, June 24, 2005.
- Ray, Daryll E., Kelly J. Tiller and Harwood D. Schaffer, "Bio-Parming," Policy Pennings, Mid America Farmer Grower, (22)24, June 17, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Checkoff lawsuits: It ain't over 'till its over," Policy Pennings, Mid America Farmer Grower, (22)23, June 10, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "The week that was in the U.S. beef industry," Policy Pennings, Mid America Farmer Grower, (22)22, June 3, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "What a difference a day makes," Policy Pennings, Mid America Farmer Grower, (22)21, May 27, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "China remembers famine: Food security is a high priority," Policy Pennings, Mid America Farmer Grower, (22)20, May 20, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Food pyramid: A basis for commodity policy?" Policy Pennings, Mid America Farmer Grower, (22)19, May 13, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "It's price responsiveness! It's price responsiveness!! It's price responsiveness!!!," Policy Pennings, Mid America Farmer Grower, (22)18, May 6, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Fast-food firms don't find farm programs yummy," Policy Pennings, Mid America Farmer Grower, (22)17, April 29, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "If a buy out works for tobacco, why not a buyout program for all crops?" Policy Pennings, Mid America Farmer Grower, (22)16, April 22, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Overproduction: What it means depends upon who you ask," Policy Pennings, Mid America Farmer Grower, (22)15, April 15, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Energy: Choose your crystal ball," Policy Pennings, Mid America Farmer Grower, (22)14, April 8, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Oil and the changes in agriculture," Policy Pennings, Mid America Farmer Grower, (22)13, April 1, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "High priced oil," Policy Pennings, Mid America Farmer Grower, (22)12, March 25, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Curiouser and curiouser this BSE Saga," Policy Pennings, Mid America Farmer Grower, (22)11, March 18, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "One world government?" Policy Pennings, Mid America Farmer Grower, (22)10, March 11, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Trade goals," Policy Pennings, Mid America Farmer Grower, (22)9, March 4, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Agricultural balance of trade," Policy Pennings, Mid America Farmer Grower, (22)8, February 25, 2005.

- Ray, Daryll E. and Harwood D. Schaffer, "Budget cuts released, agriculture targeted," Policy Pennings, Mid America Farmer Grower, (22)7, February 18, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Agriculture: A "countries' rights" issue?" Policy Pennings, Mid America Farmer Grower, (22)6, February 11, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Will agriculture's funding be slashed to reduce the budget deficit?" Policy Pennings, Mid America Farmer Grower, (22)5, February 4, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Application of nineteenth century laws to twenty-first century technologies?" Policy Pennings, Mid America Farmer Grower, (22)4, January 28, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "On compensating producers who contract production," Policy Pennings, Mid America Farmer Grower, (22)3, January 21, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "Canada and BSE: It isn't "rocket" science," Policy Pennings, Mid America Farmer Grower, (22)2, January 14, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "BSE and the North American cattle market," Policy Pennings, Mid America Farmer Grower, (22)1, January 7, 2005.
- Ray, Daryll E. and Harwood D. Schaffer, "The CRP and the Negative Impact on Rural Communities," Policy Pennings, Mid America Farmer Grower, (21)53, December 31, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "\$1.63 corn: Does that market signal mean we need fewer CRP acres?" Policy Pennings, Mid America Farmer Grower, (21)52, December 24, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Adam Smith and the CRP," Policy Pennings, Mid America Farmer Grower, (21)51, December 17, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "U.S. trade balance goes south," Policy Pennings, Mid America Farmer Grower, (21)50, December 10, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Devolution: A desirable revolution or impossible solution," Policy Pennings, Mid America Farmer Grower, (21)49, December 3, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Next Farm Bill: States in charge of commodity policy?" Policy Pennings, Mid America Farmer Grower, (21)48, November 26, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Adding to the peril of soybean farming," Policy Pennings, Mid America Farmer Grower, (21)47, November 19, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Whence low prices? High payments or the lack of an effective throttle?" Policy Pennings, Mid America Farmer Grower, (21)46, November 12, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Export measures often need to be put into context to reflect reality," Policy Pennings, Mid America Farmer Grower, (21)45, November 5, 2004.
- Ray, Daryll E., Kelly J. Tiller and Harwood D. Schaffer, "Tobacco quota buyout is just the beginning," Policy Pennings, Mid America Farmer Grower, (21)44, October 29, 2004.

- Ray, Daryll E., Kelly J. Tiller and Harwood D. Schaffer, "Tobacco Quota Buyout," Policy Pennings, Mid America Farmer Grower, (21)43, October 22, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Agriculture reaps benefits from new tax law," Policy Pennings, Mid America Farmer Grower, (21)42, October 15, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Can we build on agriculture's energy emphasis to create a full-blown farm/energy policy?" Policy Pennings, Mid America Farmer Grower, (21)41, October 8, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Nothing intensifies food security concerns like food unavailability," Policy Pennings, Mid America Farmer Grower, (21)40, October 1, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Japan's 21-year aid program helped put Brazil on the soybean map," Policy Pennings, Mid America Farmer Grower, (21)39, September 24, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Cotton trade dispute ruling released: U. S. must make changes," Policy Pennings, Mid America Farmer Grower, (21)38, September 17, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Rabobank: A Farm Credit Services of America replacement?" Policy Pennings, Mid America Farmer Grower, (21)37, September 10, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Bioenergy: Ethanol, biodiesel, and a bunch of other stuff," Policy Pennings, Mid America Farmer Grower, (21)36, September 3, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Early frost in northern low-lying areas may trim corn and bean potential," Policy Pennings, Mid America Farmer Grower, (21)35, August 27, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Corn crop ain't known until it's known," Policy Pennings, Mid America Farmer Grower, (21)34, August 20, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "BSE Testing Update," Policy Pennings, Mid America Farmer Grower, (21)33, August 13, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "WTO Framework Approved," Policy Pennings, Mid America Farmer Grower, (21)32, August 6, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "The follies of basing farm policy on world numbers," Policy Pennings, Mid America Farmer Grower, (21)31, July 30, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "WTO Director tries to resuscitate trade negotiations," Policy Pennings, Mid America Farmer Grower, (21)30, July 23, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "95 percent of food consumers outside the U.S. but also 99 percent of farm population," Policy Pennings, Mid America Farmer Grower, (21)29, July 16, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "On communicating USDA preliminary BSE test results: announcements or leaks," Policy Pennings, Mid America Farmer Grower, (21)28, July 9, 2004.

- Ray, Daryll E. and Harwood D. Schaffer, "Farm export optimism and upgrading Mississippi locks and dams," Policy Pennings, Mid America Farmer Grower, (21)27, July 2, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Have land prices peaked?" Policy Pennings, Mid America Farmer Grower, (21)26, June 25, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Monsanto vs. Percy Schmeiser: The Canadian Supreme Court rules," Policy Pennings, Mid America Farmer Grower, (21)25, June 18, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Localized markets: The future of U.S. agriculture?" Policy Pennings, Mid America Farmer Grower, (21)24, June 11, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "China: Will they or won't they?" Policy Pennings, Mid America Farmer Grower, (21)23, June 4, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "The Mad Cow story has more twists and turns," Policy Pennings, Mid America Farmer Grower, (21)22, May 28, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Payments to farmers a fraction of total ag support in OECD countries," Policy Pennings, Mid America Farmer Grower, (21)21, May 21, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "When is \$318 billion not \$318 billion?" Policy Pennings, Mid America Farmer Grower, (21)20, May 14, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "BSE testing: What does the customer want," Policy Pennings, Mid America Farmer Grower, (21)19, May 7, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Whatever happened to "An abundance of caution?," Policy Pennings, Mid America Farmer Grower, (21)18, April 30, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "GMO crops - Who is responsible for the consequences of pollen drift?" Policy Pennings, Mid America Farmer Grower, (21)17, April 23, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Changes over time," Policy Pennings, Mid America Farmer Grower, (21)16, April 16, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Short-term price spikes often have long-term consequences," Policy Pennings, Mid America Farmer Grower, (21)15, April 9, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Whence the high prices?" Policy Pennings, Mid America Farmer Grower, (21)14, April 2, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "What is an agricultural subsidy?" Policy Pennings, Mid America Farmer Grower, (21)13, March 26, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Subsidies and Demand," Policy Pennings, Mid America Farmer Grower, (21)12, March 19, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Subsidies and production," Policy Pennings, Mid America Farmer Grower, (21)11, March 12, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Policy development begins with an understanding of the problem to be solved," Policy Pennings, Mid America Farmer Grower, (21)10, March 5, 2004.

- Ray, Daryll E. and Harwood D. Schaffer, "Rural policy is umbrella for a number of specific policies," Policy Pennings, Mid America Farmer Grower, (21)9, February 27, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Rural Development Policy Is Not A Substitute for Commodity Policy," Policy Pennings, Mid America Farmer Grower, (21)8, February 20, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Concreteness is often misplaced," Policy Pennings, Mid America Farmer Grower, (21)7, February 13, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Jobless recovery: Another example of the fallacy of composition?" Policy Pennings, Mid America Farmer Grower, (21)6, February 6, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Building a wall of protection against the spread of disease," Policy Pennings, Mid America Farmer Grower, (21)5, January 30, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Questions, Questions, We Have Questions," Policy Pennings, Mid America Farmer Grower, (21)4, January 23, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Changes in Iowa farms," Policy Pennings, Mid America Farmer Grower, (21)3, January 16, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Is it "hysteria" or "an abundance of caution"?" Policy Pennings, Mid America Farmer Grower, (21)2, January 9, 2004.
- Ray, Daryll E. and Harwood D. Schaffer, "Mad Cow: Unwelcome Christmas news," Policy Pennings, Mid America Farmer Grower, (21)1, January 2, 2004.
- Ray, Daryll E., "Where has all the wheat gone?" Policy Pennings, Mid America Farmer Grower, (20)52, December 26, 2003.
- Ray, Daryll E., "Will trade liberalization bring about better prices for farmers worldwide?" Policy Pennings, Mid America Farmer Grower, (20)51, December 19, 2003.
- Ray, Daryll E., "U.S. could lose significant wheat and sugar acreage under trade liberalization," Policy Pennings, Mid America Farmer Grower, (20)50, December 12, 2003.
- Ray, Daryll E., "World Bank study: China becomes dependent on imports to feed its population. Really?" Policy Pennings, Mid America Farmer Grower, (20)49, December 5, 2003.
- Ray, Daryll E., "World Bank study: Trade liberalization would shut down two-thirds of EU's grain and oilseed production," Policy Pennings, Mid America Farmer Grower, (20)48, November 28, 2003.
- Ray, Daryll E., "How will the court rulings on livestock checkoffs affect checkoffs for crops?" Policy Pennings, Mid America Farmer Grower, (20)47, November 21, 2003.
- Ray, Daryll E., "Livestock checkoff programs: What does the future hold?" Policy Pennings, Mid America Farmer Grower, (20)46, November 14, 2003.
- Ray, Daryll E., "Wilmington Bulk revisited: The cost of soybean meal," Policy Pennings, Mid America Farmer Grower, (20)45, November 7, 2003.
- Ray, Daryll E., "Current commodity programs: Are they for the producers or the users?" Policy Pennings, Mid America Farmer Grower, (20)44, October 31, 2003.

- Ray, Daryll E., "Wilmington Bulk to import soymeal, corn and feed wheat," Policy Pennings, Mid America Farmer Grower, (20)43, October 24, 2003.
- Ray, Daryll E., "2002 net farm income falls to 15 year low," Policy Pennings, Mid America Farmer Grower, (20)42, October 17, 2003.
- Ray, Daryll E., "Changes in Australian ag support had little impact on total farm acreage," Policy Pennings, Mid America Farmer Grower, (20)41, October 10, 2003.
- Ray, Daryll E., "Changes in Canadian ag support had little impact on total cropland acreage," Policy Pennings, Mid America Farmer Grower, (20)40, October 3, 2003.
- Ray, Daryll E., "Farm and non-farm industries react differently to price changes," Policy Pennings, Mid America Farmer Grower, (20)39, September 26, 2003.
- Ray, Daryll E., "Food is matter of national security for all," Policy Pennings, Mid America Farmer Grower, (20)38, September 19, 2003.
- Ray, Daryll E., "Rethinking U.S. Ag Policy," Policy Pennings, Mid America Farmer Grower, (20)37, September 12, 2003.
- Ray, Daryll E., "Mexico and corn," Policy Pennings, Mid America Farmer Grower, (20)36, September 5, 2003.
- Ray, Daryll E., "Elimination of agricultural subsidies," Policy Pennings, Mid America Farmer Grower, (20)35, August 29, 2003.
- Ray, Daryll E., "Food Sovereignty," Policy Pennings, Mid America Farmer Grower, (20)34, August 22, 2003.
- Ray, Daryll E., "China exports more agricultural products than it imports," Policy Pennings, Mid America Farmer Grower, (20)33, August 15, 2003.
- Ray, Daryll E., "Imports gain increasing share of U.S. diet," Policy Pennings, Mid America Farmer Grower, (20)32, August 8, 2003.
- Ray, Daryll E., "Food security," Policy Pennings, Mid America Farmer Grower, (20)31, August 1, 2003.
- Ray, Daryll E., "Aggregate acreage in Argentina like in the U.S.: Stable and always in use," Policy Pennings, Mid America Farmer Grower, (20)30, July 25, 2003.
- Ray, Daryll E., "Wouldn't it be nice?" Policy Pennings, Mid America Farmer Grower, (20)29, July 18, 2003.
- Ray, Daryll E., "Major U.S. export competitor in the distant future: EU? Brazil? It could be China!," Policy Pennings, Mid America Farmer Grower, (20)28, July 11, 2003.
- Ray, Daryll E., "Multinationals continue to increase presence in Brazil," Policy Pennings, Mid America Farmer Grower, (20)27, July 4, 2003.
- Ray, Daryll E., "International producer groups offer a competing proposal for WTO ag negotiations," Policy Pennings, Mid America Farmer Grower, (20)26, June 27, 2003.
- Ray, Daryll E., "Dhaka Declaration: LDCs' Proposals for WTO," Policy Pennings, Mid America Farmer Grower, (20)25, June 20, 2003.

- Ray, Daryll E., "U.S. Position on WTO Ag Negotiations," Policy Pennings, Mid America Farmer Grower, (20)24, June 13, 2003.
- Ray, Daryll E., "Other industries have the tools needed to manage excess capacity," Policy Pennings, Mid America Farmer Grower, (20)23, June 6, 2003.
- Ray, Daryll E., "COOL and the Canadian BSE incident," Policy Pennings, Mid America Farmer Grower, (20)22, May 30, 2003.
- Ray, Daryll E., "Cost of being COOL," Policy Pennings, Mid America Farmer Grower, (20)21, May 23, 2003.
- Ray, Daryll E., "Alternatives ways to keep COOL," Policy Pennings, Mid America Farmer Grower, (20)20, May 16, 2003.
- Ray, Daryll E., "Rural economic development and the location of government services," Policy Pennings, Mid America Farmer Grower, (20)19, May 9, 2003.
- Ray, Daryll E., "Fighting malnutrition: use trade liberalization or increase local food production?" Policy Pennings, Mid America Farmer Grower, (20)18, May 2, 2003.
- Ray, Daryll E., "Corn fed domestically and shipped internationally," Policy Pennings, Mid America Farmer Grower, (20)17, April 25, 2003.
- Ray, Daryll E., "Cargill opens soybean terminal at Santarem on the Amazon in Brazil," Policy Pennings, Mid America Farmer Grower, (20)16, April 18, 2003.
- Ray, Daryll E., "What is the world price?" Policy Pennings, Mid America Farmer Grower, (20)15, April 11, 2003.
- Ray, Daryll E., "Brazilian acreage potential is larger than previously thought," Policy Pennings, Mid America Farmer Grower, (20)14, April 4, 2003.
- Ray, Daryll E., "Three countries account for 88 percent of world corn trade," Policy Pennings, Mid America Farmer Grower, (20)13, March 28, 2003.
- Ray, Daryll E., "Income-rich Saudi Arabia prefers grow-their-own food security," Policy Pennings, Mid America Farmer Grower, (20)12, March 21, 2003.
- Ray, Daryll E., "Soybeans versus soybean complex," Policy Pennings, Mid America Farmer Grower, (20)11, March 14, 2003.
- Ray, Daryll E., "Domestic demand continues to outpace exports," Policy Pennings, Mid America Farmer Grower, (20)10, March 7, 2003.
- Ray, Daryll E., "Agricultural trade: Do we have a surplus or a deficit?" Policy Pennings, Mid America Farmer Grower, (20)9, February 28, 2003.
- Ray, Daryll E., "Just in time inventory and crop prices," Policy Pennings, Mid America Farmer Grower, (20)8, February 21, 2003.
- Ray, Daryll E., "Domestic demand for rice increases faster than exports," Policy Pennings, Mid America Farmer Grower, (20)7, February 14, 2003.
- Ray, Daryll E., "Cuba: So close but so far away," Policy Pennings, Mid America Farmer Grower, (20)6, February 7, 2003.

- Ray, Daryll E., "Australian sheep numbers have declined; crop acreage has increased," Policy Pennings, Mid America Farmer Grower, (20)5, January 31, 2003.
- Ray, Daryll E., "More axioms from the Great Plains," Policy Pennings, Mid America Farmer Grower, (20)4, January 24, 2003.
- Ray, Daryll E., "Farm axioms tell a story," Policy Pennings, Mid America Farmer Grower, (20)3, January 17, 2003.
- Ray, Daryll E., "Chinese diet improves," Policy Pennings, Mid America Farmer Grower, (20)2, January 10, 2002.
- Ray, Daryll E., "Domestic demand: The Cinderella of crop demand," Policy Pennings, Mid America Farmer Grower, (20)1, January 3, 2002.
- Ray, Daryll E., "Acreage devoted to export production shrinks over last 25 years," Policy Pennings, Mid America Farmer Grower, (19)49, December 20, 2002.
- Ray, Daryll E., "Farmers tend to respond similarly, the world around," Policy Pennings, Mid America Farmer Grower, (19)48, December 13, 2002.
- Ray, Daryll E., "China: Our knight in shining armor or . . .?" Policy Pennings, Mid America Farmer Grower, (19)47, December 6, 2002.
- Ray, Daryll E., "Public agricultural research: Is it trade distorting?" Policy Pennings, Mid America Farmer Grower, (19)46, November 29, 2002.
- Ray, Daryll E., "Is food too important to be left to WTO?" Policy Pennings, Mid America Farmer Grower, (19)45, November 22, 2002.
- Ray, Daryll E., "Further peculiarities of coupled and decoupled payments," Policy Pennings, Mid America Farmer Grower, (19)44, November 15, 2002.
- Ray, Daryll E., "Total acreages' response to price is the "REAL" supply response issue," Policy Pennings, Mid America Farmer Grower, (19)43, November 8, 2002.
- Ray, Daryll E., "Can Lula get what Lula wants?" Policy Pennings, Mid America Farmer Grower, (19)42, November 1, 2002.
- Ray, Daryll E., "Yes, Decoupled, but decoupled from what?" Policy Pennings, Mid America Farmer Grower, (19)41, October 25, 2002.
- Ray, Daryll E., "Bioterrorism - the high economic costs of an attack," Policy Pennings, Mid America Farmer Grower, (19)40, October 18, 2002.
- Ray, Daryll E., "Subsidies II: Exploding production south of the equator," Policy Pennings, Mid America Farmer Grower, (19)39, October 11, 2002.
- Ray, Daryll E., "Low Prices Here and Abroad: Are U.S. Subsidies the Cause or the Result?" Policy Pennings, Mid America Farmer Grower, (19)38, October 4, 2002.
- Ray, Daryll E., "China: The more things change, the more they stay the same," Policy Pennings, Mid America Farmer Grower, (19)37, September 27, 2002.
- Ray, Daryll E., "Crop Insurance and Disasters," Policy Pennings, Mid America Farmer Grower, (19)36, September 20, 2002.

- Ray, Daryll E., "Weather: Blessing in disguise or just a disguise?" Policy Pennings, Mid America Farmer Grower, (19)35, September 13, 2002.
- Ray, Daryll E., "Export values up, net income down: Which is more important?" Policy Pennings, Mid America Farmer Grower, (19)34, September 6, 2002.
- Ray, Daryll E., "Are we better off without government stocks overhanging the market?" Policy Pennings, Mid America Farmer Grower, (19)33, August 30, 2002.
- Ray, Daryll E., "New York Times joins the club," Policy Pennings, Mid America Farmer Grower, (19)32, August 23, 2002.
- Ray, Daryll E., "Tobacco Quota Buyout: Is It Will or Is It When?" Policy Pennings, Mid America Farmer Grower, (19)31, August 16, 2002.
- Ray, Daryll E., "Progressive downward shift in prices since 1996 affects wheat," Policy Pennings, Mid America Farmer Grower, (19)30, August 9, 2002.
- Ray, Daryll E., "Soybean stocks-to-use ratio declines, but soybean prices decline anyway," Policy Pennings, Mid America Farmer Grower, (19)29, August 2, 2002.
- Ray, Daryll E., "Why have corn prices been so low?" Policy Pennings, Mid America Farmer Grower, (19)28, July 26, 2002.
- Ray, Daryll E., "Notice to Mali farmers: Forget subsidy levels; Focus on lack of policies to limit production," Policy Pennings, Mid America Farmer Grower, (19)27, July 19, 2002.
- Ray, Daryll E., "Drought induced price spike could cause even lower prices later," Policy Pennings, Mid America Farmer Grower, (19)26, June 28, 2002.
- Ray, Daryll E., "Relaxation of the Jones Act could help Midwest maintain hold on Southeast U.S. grain markets," Policy Pennings, Mid America Farmer Grower, (19)25, June 21, 2002.
- Ray, Daryll E., "Water vs. land transportation of domestically used grain," Policy Pennings, Mid America Farmer Grower, (19)24, June 14, 2002.
- Ray, Daryll E., "International trade competitors severely criticize 2002 Farm Bill," Policy Pennings, Mid America Farmer Grower, (19)23, June 7, 2002.
- Ray, Daryll E., "California's a brand new game," Policy Pennings, Mid America Farmer Grower, (19)22, May 31, 2002.
- Ray, Daryll E., "Conservation programs are not a substitute for commodity programs," Policy Pennings, Mid America Farmer Grower, (19)21, May 24, 2002.
- Ray, Daryll E., "Editorialists' tone masks crop agriculture's real problems," Policy Pennings, Mid America Farmer Grower, (19)20, May 17, 2002.
- Ray, Daryll E., "This is not your father's ol'-farm-bill!," Policy Pennings, Mid America Farmer Grower, (19)19, May 10, 2002.
- Ray, Daryll E., "Five gallons of water and the Atlantic Ocean," Policy Pennings, Mid America Farmer Grower, (19)18, May 3, 2002.

- Ray, Daryll E., "Following in the footsteps of the 1996 Farm bill: When "What ought to be" does not correspond to "What is"," Policy Pennings, Mid America Farmer Grower, (19)17, April 26, 2002.
- Ray, Daryll E., "Top-Ten Reasons to Start Over on Farm Bill," Policy Pennings, Mid America Farmer Grower, (19)16, April 19, 2002.
- Ray, Daryll E., "Is a Tobacco Buyout on the Horizon?" Policy Pennings, Mid America Farmer Grower, (19)15, April 12, 2002.
- Ray, Daryll E., "What's Ailing Tobacco?" Policy Pennings, Mid America Farmer Grower, (19)14, April 5, 2002.
- Ray, Daryll E., "Tobacco: The darling of supply control and price support programs (until now)," Policy Pennings, Mid America Farmer Grower, (19)13, March 29, 2002.
- Ray, Daryll E., "Cost of Avoiding Real Issue: \$17 billion a Year," Policy Pennings, Mid America Farmer Grower, (19)12, March 22, 2002.
- Ray, Daryll E., "Packer Ownership of Livestock is Contentious Issue in Farm Bill Debate," Policy Pennings, Mid America Farmer Grower, (19)11, March 15, 2002.
- Ray, Daryll E., "Is it \$6 Billion or \$50+ Billion?" Policy Pennings, Mid America Farmer Grower, (19)10, March 8, 2002.
- Ray, Daryll E., "Payment Caps Stir Interest in Farm Bill," Policy Pennings, Mid America Farmer Grower, (19)9, March 1, 2002.
- Ray, Daryll E., "House and Senate Farm Bills: Six of One or Half-a-Dozen of the Other," Policy Pennings, Mid America Farmer Grower, (19)8, February 22, 2002.
- Ray, Daryll E., "Promotion and Sales efforts did not Guarantee Edsel's Success," Policy Pennings, Mid America Farmer Grower, (19)7, February 15, 2002.
- Ray, Daryll E., "Zig Ziglar for Undersecretary of Agriculture for Trade Promotion," Policy Pennings, Mid America Farmer Grower, (19)6, February 8, 2002.
- Ray, Daryll E., "U.S. is the World's Storage Granary," Policy Pennings, Mid America Farmer Grower, (19)5, February 1, 2002.
- Ray, Daryll E., "What Have We Bought With Nearly \$100 Billion?" Policy Pennings, Mid America Farmer Grower, (19)4, January 25, 2002.
- Ray, Daryll E., "Are We Courting Disaster?" Policy Pennings, Mid America Farmer Grower, (19)3, January 18, 2002.
- Ray, Daryll E., "Year in Review: Dollars Drive Farm Bill Debate," Policy Pennings, Mid America Farmer Grower, (19)2, January 11, 2002.
- Ray, Daryll E., "Year in Review: A Potpourri of Issues," Policy Pennings, Mid America Farmer Grower, (19)1, January 4, 2002.
- Ray, Daryll E., "Year in Review: Our Export Competitors Increased Acreage Despite Elimination of U.S. Acreage Set-Asides," Policy Pennings, Mid America Farmer Grower, (18)51, December 28, 2001.

- Ray, Daryll E., "Year in Review: The Asian Crisis was not the Culprit in Farm Price/Income Problems," Policy Pennings, Mid America Farmer Grower, (18)50, December 21, 2001.
- Ray, Daryll E., "Disconnection Between Agricultural Production and Consumption Needs," Policy Pennings, Mid America Farmer Grower, (18)49, December 14, 2001.
- Ray, Daryll E., "Would a \$2.08 Loan Rate for Corn Persuade You to Increase Your Production?" Policy Pennings, Mid America Farmer Grower, (18)48, December 7, 2001.
- Ray, Daryll E., "Reader Proposes \$10 Billion a Year Farm Program," Policy Pennings, Mid America Farmer Grower, (18)47, November 30, 2001.
- Ray, Daryll E., "GMOs: Let Consumers Decide," Policy Pennings, Mid America Farmer Grower, (18)46, November 23, 2001.
- Ray, Daryll E., "Do Acreage Reduction Programs Restrict Farm Income?" Policy Pennings, Mid America Farmer Grower, (18)45, November 16, 2001.
- Ray, Daryll E., "Dayton Farm Bill Proposal Introduces Issue of Production Controls," Policy Pennings, Mid America Farmer Grower, (18)44, November 9, 2001.
- Ray, Daryll E., "Harkin Unveils Some Details of Farm Bill Proposal," Policy Pennings, Mid America Farmer Grower, (18)43, November 2, 2001.
- Ray, Daryll E., "Lugar Lobs Proposal into Farm Bill Debate," Policy Pennings, Mid America Farmer Grower, (18)42, October 26, 2001.
- Ray, Daryll E., "Senate Ag Committee Resists Pressure to Adopt House Farm Bill," Policy Pennings, Mid America Farmer Grower, (18)41, October 19, 2001.
- Ray, Daryll E., "Surprise! Domestic Crop Demand Outpaces Population Growth and Export Demand," Policy Pennings, Mid America Farmer Grower, (18)40, October 12, 2001.
- Ray, Daryll E., "Farm Bill Bipartisanship; But One Chamber at a Time," Policy Pennings, Mid America Farmer Grower, (18)39, October 5, 2001.
- Ray, Daryll E., "Deciphering USDA's Farm Policy Perspective," Policy Pennings, Mid America Farmer Grower, (18)38, September 28, 2001.
- Ray, Daryll E., "GMOs: Blowin' in the Wind," Policy Pennings, Mid America Farmer Grower, (18)37, September 21, 2001.
- Ray, Daryll E., "Where Does Conservation Fit in the New Budget Ballgame?" Policy Pennings, Mid America Farmer Grower, (18)36, September 14, 2001.
- Ray, Daryll E., "U.S. Corn Exports Show Little Effect from Exchange Rates," Policy Pennings, Mid America Farmer Grower, (18)35, September 7, 2001.
- Ray, Daryll E., "Exchange Rates: Are They the Soybean Market's Whipping Boy or Culprit?" Policy Pennings, Mid America Farmer Grower, (18)34, August 31, 2001.
- Ray, Daryll E., "Proposed Farm Bill: Looking in on Bedfellows," Policy Pennings, Mid America Farmer Grower, (18)33, August 24, 2001.
- Ray, Daryll E., "House Proposal's Conservation Sections Designed to Attract Farm and Non-Farm Support," Policy Pennings, Mid America Farmer Grower, (18)32, August 17, 2001.

Ray, Daryll E., "Ag Committee Seeks "Coalition of Interests" With Farm Bill Proposal," Policy Pennings, Mid America Farmer Grower, (18)31, August 10, 2001.

Ray, Daryll E., "House Ag Committee Races to Capture "Reserve Account" Funds," Policy Pennings, Mid America Farmer Grower, (18)30, August 3, 2001.

Ray, Daryll E., "House Ag Committee Farm Bill Proposal Includes Counter-Cyclical Payments," Policy Pennings, Mid America Farmer Grower, (18)29, July 27, 2001.

Ray, Daryll E., "The United States as the Residual Supplier of Crops," Policy Pennings, Mid America Farmer Grower, (18)28, July 20, 2001.

Ray, Daryll E., "The Importance of International Supply Growth," Policy Pennings, Mid America Farmer Grower, (18)27, July 13, 2001.

Ray, Daryll E., "A Walk on the Supply Side," Policy Pennings, Mid America Farmer Grower, (18)26, July 6, 2001.

Ray, Daryll E., "Have Exchange Rates Affected Brazilian Exports?" Policy Pennings, Mid America Farmer Grower, (18)25, June 29, 2001.

Ray, Daryll E., "Clearing the Market Appears to be Argentina's Export Policy," Policy Pennings, Mid America Farmer Grower, (18)24, June 22, 2001.

Ray, Daryll E., "Argentina's Net Exports NOT South of Brazil('s)," Policy Pennings, Mid America Farmer Grower, (18)23, June 15, 2001.

Ray, Daryll E., "Data Do Not Always Support Conventional Wisdom," Policy Pennings, Mid America Farmer Grower, (18)22, June 8, 2001.

Ray, Daryll E., "Our Export Competitors Harvest 36 Million More Acres Following 1996 FB," Policy Pennings, Mid America Farmer Grower, (18)21, June 1, 2001.

Ray, Daryll E., "News Flash: World Demand for Grain Increased During Years of Asian Crisis," Policy Pennings, Mid America Farmer Grower, (18)20, May 18, 2001.

Ray, Daryll E., "Farm Policy or Agribusiness Policy," Policy Pennings, Mid America Farmer Grower, (18)19, May 11, 2001.

Ray, Daryll E., "Just the Check Please," Policy Pennings, Mid America Farmer Grower, (18)18, May 4, 2001.

Ray, Daryll E., "Switch to a Niche and Other Options," Policy Pennings, Mid America Farmer Grower, (18)17, April 27, 2001.

Ray, Daryll E., "Let the Weather Do It," Policy Pennings, Mid America Farmer Grower, (18)16, April 20, 2001.

Ray, Daryll E., "Low Commodity Prices and Wiring the Production Throttle Wide Open," Policy Pennings, Mid America Farmer Grower, (18)15, April 13, 2001.

Ray, Daryll E., "Total Crop Demand Increases Very Little When Prices Decline Contributing Little to Market Self-Correction," Policy Pennings, Mid America Farmer Grower, (18)14, April 6, 2001.

- Ray, Daryll E., "Farm Policy Debaters Need to Identify Source of Price and Income Problems in Crop Agriculture Before Proposing Solutions," Policy Pennings, Mid America Farmer Grower, (18)13, March 30, 2001.
- Ray, Daryll E., "Are We Prescribing Policy Without Knowing the Disease?" Policy Pennings, Mid America Farmer Grower, (18)12, March 23, 2001.
- Ray, Daryll E., "Data Safari Shows That World Crop Demand Actually INCREASED During Last Four Years," Policy Pennings, Mid America Farmer Grower, (18)11, March 16, 2001.
- Ray, Daryll E., "Straining at Gnats while Being Trampled by Elephants: Reduced Asian Demand vs. Increased Production," Policy Pennings, Mid America Farmer Grower, (18)10, March 9, 2001.
- Ray, Daryll E., "The Asian Crisis and the Corn Market," Policy Pennings, Mid America Farmer Grower, (18)9, March 2, 2001.
- Ray, Daryll E., "The Asian Crisis and Soybean Markets," Policy Pennings, Mid America Farmer Grower, (18)8, February 23, 2001.
- Ray, Daryll E., "The Asian Crisis and Rice Markets," Policy Pennings, Mid America Farmer Grower, (18)7, February 16, 2001.
- Ray, Daryll E., "The Asian Crisis was Non-Event for World Wheat Markets," Policy Pennings, Mid America Farmer Grower, (18)6, February 9, 2001.
- Ray, Daryll E., "Did the Asian Crisis Play a Role in the Sharp Decline in Cotton Pieces?" Policy Pennings, Mid America Farmer Grower, (18)5, February 2, 2001.
- Ray, Daryll E., "Impressions vs. reality: A Look at the First Two Years of the FAIR Act," Policy Pennings, Mid America Farmer Grower, (18)4, January 26, 2001.
- Ray, Daryll E., "How Did the 1996 Farm Bill Come To Be: Short-Term Influences," Policy Pennings, Mid America Farmer Grower, (18)3, January 19, 2001.
- Ray, Daryll E., "How did the 1996 Farm Bill Come To Be: Long-Term Influences," Policy Pennings, Mid America Farmer Grower, (18)2, January 12, 2001.
- Ray, Daryll E., "Biobased fuels: Could Their Growth Have an Impact on Crop Agriculture?" Policy Pennings, Mid America Farmer Grower, (18)1, January 5, 2001.
- Ray, Daryll E., "Multinational Agribusinesses: Have Technology, Will Travel," Policy Pennings, Mid America Farmer Grower, (17)52, December 29, 2000.
- Ray, Daryll E., "Technological Advance: China's Twist on Farm/Consumer Policies," Policy Pennings, Mid America Farmer Grower, (17)51, December 22, 2000.
- Ray, Daryll E., "China and the U.S.: Much of Farm Policy Is Consumer Policy," Policy Pennings, Mid America Farmer Grower, (17)50, December 15, 2000.
- Ray, Daryll E., "Quest for the Holy Grail of Accelerating Exports: Can it be Found in China?" Policy Pennings, Mid America Farmer Grower, (17)49, December 8, 2000.
- Ray, Daryll E., "Globalization of World Markets Increases Reach of Multinational Ag Suppliers," Policy Pennings, Mid America Farmer Grower, (17)48, December 1, 2000.

- Ray, Daryll E., "Are Multinationals Now the Stealth of Brazil's Agricultural Expansion?" Policy Pennings, Mid America Farmer Grower, (17)47, November 23, 2000.
- Ray, Daryll E., "How Low Would Prices Have to go to Persuade Brazil to Reduce Soybean Production?" Policy Pennings, Mid America Farmer Grower, (17)46, November 17, 2000.
- Ray, Daryll E., "Can the U.S. use Low Prices and Expanded Production to Blunt Brazil's Soybean Expansion?" Policy Pennings, Mid America Farmer Grower, (17)45, November 10, 2000.
- Ray, Daryll E., "The StarLink™ Event: Can it help us Better Understand Broader GMO Issues?" Policy Pennings, Mid America Farmer Grower, (17)44, November 3, 2000.
- Ray, Daryll E., "Wheat: Same Song, Third Verse," Policy Pennings, Mid America Farmer Grower, (17)43, October 30, 2000.
- Ray, Daryll E., "Soybeans: U.S. Producing More but Enjoying it Less?" Policy Pennings, Mid America Farmer Grower, (17)42, October 20, 2000.
- Ray, Daryll E., "Optimistic Export Projections in Mid-90s Haunt Crop Farmers," Policy Pennings, Mid America Farmer Grower, (17)40, October 6, 2000.
- Ray, Daryll E., "If Low Prices Cure Low Prices, Why Do We Have \$1.50 Corn?" Policy Pennings, Mid America Farmer Grower, (17)39, September 29, 2000.
- Ray, Daryll E., "Would Repeal of Trade Sanctions Solve Crop Agriculture's Price and Income Problems?" Policy Pennings, Mid America Farmer Grower, (17)38, September 22, 2000.
- Ray, Daryll E., "Payments Are Decoupled From Production But Is Production Decoupled From Payments?" Policy Pennings, Mid America Farmer Grower, (17)37, September 15, 2000.
- Ray, Daryll E., "Have We Given the 1996 Farm Bill A Chance?" Policy Pennings, Mid America Farmer Grower, (17)36, September 8, 2000.
- Ray, Daryll E., "Planting Flexibility Is Great But It Does Not Address Overproduction (By Itself)," Policy Pennings, Mid America Farmer Grower, (17)35, September 1, 2000.
- Ray, Daryll E., "Free-Market Ag Economists and Agricultural Markets: Premises and Results," Policy Pennings, Mid America Farmer Grower, (17)34, August 25, 2000.
- Ray, Daryll E., "Decoupled Payments: Are the Effects Explained by Calculus or Simple Arithmetic?" Policy Pennings, Mid America Farmer Grower, (17)33, August 18, 2000.
- Ray, Daryll E., "Allowing Grain Prices to Fall Does Not Stave Off Loss of Export Market Share," Policy Pennings, Mid America Farmer Grower, (17)32, August 11, 2000.
- Ray, Daryll E., "Exports: Does Lowering the Price to Capture Market Share Work in the Grain Markets?" Policy Pennings, Mid America Farmer Grower, (17)31, August 4, 2000.
- Ray, Daryll E., "Like Corn, Soybean and Wheat Sales Driven by Domestic Demand, Not Exports," Policy Pennings, Mid America Farmer Grower, (17)30, July 28, 2000.
- Ray, Daryll E., "Recent Report Shows That Low Prices have Not Brought About a Reduction in Planted Acres," Policy Pennings, Mid America Farmer Grower, (17)29, July 21, 2000.

Ray, Daryll E., "Domestic Usage, Not Exports, Is Growth Engine Behind American Corn Market," Policy Pennings, Mid America Farmer Grower, (17)28, July 14, 2000.

Ray, Daryll E., "A Funny Thing Happened on the Way. . .," Policy Pennings, Mid America Farmer Grower, (17)27, July 5, 2000.

4. Popular Press, Trade Magazines, and Periodicals

- Schaffer, Harwood D. 2013. "Markets, Enterprise, and Resiliency Initiative," New America Foundation, Lina Kahn, Interview, 2 April.
- Hellwinckel, Chad M. 2012. "Learning from the Drought of 2012." *Energy Bulletin*, 26 July. <http://www.energybulletin.net/stories/2012-07-26/learning-drought-12>
- Hellwinckel, Chad M. 2012. "Evolving Permaculture Solutions – Keep it Simple." Sustainable Learning, 2 February. <http://sustainable-learning.org/2012/02/evolving-permaculture-solutions%E2%80%94keep-it-simple/>
- Tolliver, Dustin, James Larson, Roland Roberts, Burton English, Daniel De La Torre Ugarte, and Tris West. 2012. "How No-Tillage Yields Compare with Tillage Yields Across the United States." *CSA News*, 57(5):11, 13, May.
- De La Torre Ugarte, Daniel. 2010. "Biofuel, Economics, and Society." ActionBioscience.org a resource of the American Institute of Biological Sciences.
- Hellwinckel, Chad M. 2009. *The Agrarian Urbanite*. Center for Urban Permaculture, 2(1), September.
- Ray, Daryll E., and Harwood D. Schaffer. 2008. "Just One Failed Harvest." *The World Today*, *Chatham House*, 64(10), October.
- Tiller, Kelly J. 2008. "Tennessee Long Involved in Farm-Based Energy." Guest editorial published in *The Tennessean*, Nashville, TN, 1 August.
- Tiller, Kelly J. 2007. "State of Tennessee Investing in Biomass." Contributed article published in *Poultry Times*, July.
- Ray, Daryll E. and Harwood D. Schaffer. 2007. "Marketing E85: Big oil obstacles and ethanol industry opportunities." *Ag News Editor*, Yankton Press & Dakotan, Editor: Hare, Lisa.
- Ray, Daryll E. and Harwood D. Schaffer. 2007. "Precarious price conditions could last awhile; fill grain reserve when prices slip." National Farmers Organization. Editor: Garner, Perry, April.
- Ray, Daryll E. 2006. Quoted in "Striking a Balance," Nebraska Corn Board, Editors: Howie, Mike, David & Associates.
- Ray, Daryll E. and Harwood D. Schaffer. 2006. "Recent corn price swing: "Danged if you do" and "Danged if you don't"." *The Prairie Star*, 1 December. http://www.theprairiestar.com/articles/2006/12/21/ag_news/opinion/letter05.txt
- Daryll Ray E., Daniel De La Torre Ugarte, and Kelly Tiller. 2006. "Rethinking U.S. Agricultural Policy." In *Motion Magazine*, October 5, 2003. Reproduced: Mizzou Media: University of Missouri, Columbia, Dr. Martz and Dr. Gracia. Course Title: AGRIC 1101: Sustainable Agriculture: Theory and Practice.
- Daryll Ray E., Daniel De La Torre Ugarte, and Kelly Tiller. 2006. "Rethinking U.S. Agricultural Policy." Reproduced: Food First and Grist.org (environmentalist Web magazine). Editor: Philpott, Tom.
- De La Torre Ugarte, Daniel. 2005. "Re-fueling the WTO Development Round: Enhancing the Development Synergism Between Agriculture and Energy." *Global Issues* paper, No. 27, Heinrich Böll Foundation, December.

- De La Torre Ugarte, Daniel. 2005. "Positive Dynamics." *Our Planet*, United Nations Environment Programme, November.
- De La Torre Ugarte, Daniel. 2005. "The Search for Common Ground: What Kind of Agriculture First, What Role for Trade Next." Newsletter, *Organization for Competitive Markets*, November.
- De La Torre Ugarte, Daniel. 2005. "Food Sovereignty: A Guiding Principle For Agriculture Policy And Trade." Newsletter, *Organization for Competitive Markets*, September.
- De La Torre Ugarte, Daniel. 2005. "The Structural Characteristics of Agriculture: Beyond Economics 101." Newsletter, *Organization for Competitive Markets*, August.
- De La Torre Ugarte, Daniel. 2005. "Who Benefits From Low Priced Commodity Exports?" Newsletter, *Organization for Competitive Markets*, July.
- De La Torre Ugarte, Daniel. 2005. "What Level Playing Field?" Newsletter, *Organization for Competitive Markets*, June.
- De La Torre Ugarte, Daniel. 2005. "Energie de la biomasse: bon pour Kyoto, bon pour le développement," *Le Temps*, Geneva, Switzerland, 22 April. **Translation:** "Biomass energy: good for Kyoto, good for development."
- De La Torre Ugarte, Daniel. 2005. "CAFTA-DR a Reality Check for Agriculture." Newsletter, *Organization for Competitive Markets*, May.
- De La Torre Ugarte, Daniel. 2004. "Realidad y Retórica de la Política Agrícola de los Estados Unidos." *Punto de Equilibrio*, 13(86), Octubre. Centro de Investigación de la Universidad del Pacífico. Lima, Perú. **Translation:** "Reality and Rhetoric of Agricultural Policy of the United States." *Breakeven*, 13 (86), October. Research Center of the University of the Pacific. Lima, Peru.
- Tiller, Kelly J. 2004. "The Customer is King." Economist's Column, *The Burley Tobacco Farmer Magazine*, February.
- Tiller, Kelly J. 2003. "Tobacco Buyout: A Mixed Blessing." Economist's Column, *The Burley Tobacco Farmer Magazine*, February.
- Tiller, Kelly J. 2002. "Tobacco in East Tennessee: What Does Future Hold?" Guest article for special Benchmarks Edition, *Greeneville Sun Benchmarks Edition*, p. F-3, 29 March.
- Tiller, Kelly J. 2002. "Questions to Address and Obstacles to Overcome for a Quota Buyout." Economist's Column, *The Burley Tobacco Farmer Magazine*, February.
- Ray, Daryll E. and Richard L. White. 1997. "1996 FAIR Act Impact on Southern Soybeans: Short-Term Strength and Long-Term Volatility." *Soybean South*, pp. 4–5, January.
- Ray, Daryll E., George Davis, and Richard White. 1995. "Impacts of the GATT and NAFTA on U.S. and Tennessee Agriculture." *Tennessee Farm and Home Science*, 174:15–19.
- Ray, Daryll E. 1993. "The Economics of U.S. Agriculture--Income, Prices, and the Future." *Tennessee Farm and Home Science*, 166:18–24.

5. Research Reports to Sponsors

- Hellwinckel, Chad, Jamey Menard, Brad Wilson, Jane Howell, Kelsey Parkman, and Inga Haugen. 2014. "Knoxville Regional Foodshed Assessment." Plan East Tennessee project.
- Schaffer, Harwood D. 2014. "Agricultural Policy Analysis Center, University of Tennessee, Interim Report, August 1 – December 31, 2013." Submitted to the Howard G. Buffett Foundation.
- Schaffer, Harwood D. 2013. "Africa's Suitability for Agriculture Analysis – Including Practical and Political Barriers to Farming." Lake Partners, Critical Review at the request of HGB Foundation,
- Schaffer, Harwood D. 2012 "A Study of the Social and Economic Impact of Consolidation in the Hog Processing Industry" Report to Food and Water Watch. .
- Yu, Edward, Burton English, James Larson, Daniel De La Torre Ugarte, J. Fu, and S. Richard. 2012. "Evaluating the Impacts of Biomass Feedstock Transportation on Air Quality: A Tennessee Case Study." Sun Grant Final Project Report, Southeastern Sun Grant Center, Knoxville, TN.
- Ray, Daryll E., Harwood Schaffer, Daniel De La Torre Ugarte, and Chad Hellwinckel. 2012. "An Analysis of a Market-Driven Inventory System (MDIS)." Report to National Farmers Union Report.
- English, Burton, Jamey Menard, Kim Jensen, Chad Hellwinckel, and Daniel De La Torre Ugarte. 2011. "25% Renewable Energy for the United States by 2025: An Analysis on Jobs Created By Meeting this Goal." Washington D.C., 25x'25 Workgroup.
- English, Burton, Jamey Menard, Kim Jensen, Chad Hellwinckel, and Daniel De La Torre Ugarte. 2011. "25% Renewable Energy for the United States by 2025: An Analysis on Jobs Created by Meeting This Goal." BEAG Report.
- Schaffer, Harwood D., Chad Hellwinckel, Daryll E. Ray, and Daniel De La Torre Ugarte. 2011. "A Study of the Impact of a Reserve Program Had One Been in Effect in the Period 1998-2010." Report to the National Farmers Union.
- Schaffer, Harwood D. 2011. "Report on Conservation Agriculture: Ghana, Liberia, Mali, and Zambia." Report submitted to the Howard G. Buffett Foundation.
- Schaffer, Harwood D. and Romina Istratii. 2011. "Issues Surrounding Women, Gender, and Conservation Agriculture." Report submitted to the Howard G. Buffett Foundation.
- Schaffer, Harwood D., Romina Istratii, and Theodore Sutherland. 2011. "Technology Adoption and Conservation Agriculture in Sub-Saharan Africa." Report submitted to the Howard G. Buffett Foundation.
- Schaffer, Harwood D. 2011. "An Examination of the Economic and Cultural Implications of High-Input Agriculture Sub-Saharan Africa." Report submitted to the Howard G. Buffett Foundation.
- Schaffer, Harwood D., and Romina Istratii. 2011. "Climate Change: Smallholder Farmers in Sub-Saharan Africa and Conservation Agriculture." Report submitted to the Howard G. Buffett Foundation.

- Schaffer, Harwood D. 2011. "Comparing Various Agricultural Production Systems in sub-Saharan Africa." Report submitted to the Howard G. Buffett Foundation.
- Ray, Daryll E., and Harwood D. Schaffer. 2011. "The Unique Characteristics of Agriculture and the Implications for All farmers, without Regard to Production System." Report submitted to the Howard G. Buffett Foundation.
- English, Burton, Jamey Menard, Kim Jensen, Daniel De La Torre Ugarte, and Chad Hellwinckel. 2010. "Economic and Employment Opportunities from an Expanding Renewable Energy Sector." 2010 IMPLAN User's Conference, St. Louis, MO. Presented Paper with Abstract from Meeting.
- English, Burton, Daniel De La Torre Ugarte, Chad Hellwinckel, Kim Jensen, Jamey Menard, Tristram West, Chris Clark. 2010. "Implications of Energy and Carbon Policies for the Agricultural and Forestry Sectors." Publication of the 25x'25 Working Group, Washington D.C.
- English, Burton, Daniel De La Torre Ugarte, Chad Hellwinckel, Kim Jensen, Jamey Menard, Tristram West, and Chris Clark. 2010. "Implications of Climate Change and Energy Legislation to the Agricultural Sector." Report to the 25x'25 Group, Energy Foundation.
- Schaffer, Harwood D., Alejandro E. Dellachiesa, Daryll E. Ray, Shiferaw Feleke, and Eric Bisanguwa. 2010. "Identifying Agricultural Practices That Have the Potential to Reduce Hunger and Increase Food Security in Sub-Saharan Africa: A Comprehensive Literature Review and Critical Analysis." Report submitted to the Howard G. Buffett Foundation.
- De La Torre Ugarte, Daniel, Burton English, Chad Hellwinckel, Tristram West, Kim Jensen, Chris Clark, and Jamey Menard. 2009. "Analysis of the Implications of Climate Change and Energy Legislation to the Agricultural Sector." Publication of the 25x'25 Working Group, Energy Foundation, Washington D.C.
- English, Burton, Daniel De La Torre Ugarte, Chad Hellwinckel, Tristram West, Kim Jensen, and Christopher Clark. 2009. "Analysis of the Implications of Climate Change Legislation to the Agricultural Sector." Presented to the 25 x'25 Board, Seattle, WA.
- English, Burton, Daniel De La Torre Ugarte, Kim Jensen, Chad Hellwinckel, Christopher Clark, and Tristram West. 2009. "Providing Solutions to Climate Change through Proposed Goals of 25 x 25: An Outline of the Study." Presented to the 25 x'25 Carbon Project Design Team Workshop, Washington D.C.
- English, Burton, Kim Jensen, Jamey Menard, and Daniel De La Torre Ugarte. 2009. "Projected Impacts of Proposed Federal Renewable Portfolio Standards on the Florida Economy." BEAG (Bio-Based Energy Analysis Group) Report to the BiPartisan Policy Center.
- English, Burton, Kim Jensen, Jamey Menard, and Daniel De La Torre Ugarte. 2009. "Projected Impacts of Proposed Federal Renewable Portfolio Standards on the Kansas Economy." BEAG (Bio-Based Energy Analysis Group) Report to the BiPartisan Policy Center.
- English, Burton, Kim Jensen, Jamey Menard, and Daniel De La Torre Ugarte. 2009. "Projected Impacts of Proposed Federal Renewable Portfolio Standards on the North

- Carolina Economy." BEAG (Bio-Based Energy Analysis Group) Report to the BiPartisan Policy Center.
- Schaffer, Harwood D., Melissa Yeast, Daryll Ray. 2008. "Foreign Investment in U.S. Industrial Animal Feeding Operations." Report to Pew Charitable Trusts.
- Schaffer, Harwood D., Pracha Koonnathamdee, and Daryll Ray. 2008. "An Economic Analysis of the Social Costs of the Industrialized Production of Pork in the United States." Report to the National Commission on Industrialized Farm Animal Production, http://www.ncifap.org/bin/o/c/212-6_PCIFAP_Ecnmics_v5_tc.pdf.
- Schaffer, Harwood, Melissa Yeast, and Daryll Ray. 2008. "Foreign Investment in U.S. Industrial Animal Feeding Operations," Report to the Pew Environmental Group/The Pew Charitable Trusts.
- Tiller, Kelly J. 2008. "2008 Baseline Projections for Southeastern Representative Cotton Farms." Cotton Incorporated Project 02-275 Final Report.
- Schaffer, Harwood D., Pracha Koonnathamdee, and Daryll Ray. 2007. "Determining the Social Cost of Industrialized Farm Animal Production—Final Report." Meeting #9 of the National Commission on Industrial Farm Animal Production, Kansas City, MO.
- Schaffer, Harwood D., Pracha Koonnathamdee, and Daryll Ray. 2007. "Determining the Social Cost of Industrialized Farm Animal Production." Meeting #8 of the National Commission on Industrial Farm Animal Production, Minneapolis, MN.
- Larson, James, Burton English, and Lixia He Lambert. 2007. "Economic Analysis of the Conditions for Which Farmers Will Supply Biomass Feedstocks for Energy Production." *Final report for Agricultural Marketing Resource Center Special Projects.*
- Schaffer, Harwood D., Douglas Hunt, and Daryll Ray. 2007. "US Agricultural Commodity Policy and its Relationship to Obesity" In Wingspread Conference, *Contributions of U.S. Food and Agricultural Policy to the Obesity Epidemic: Opportunities and Recommendations.* Sponsored by the Johnson Foundation, Racine, WI.
- Schaffer, Harwood D., Daniel De La Torre Ugarte, and Daryll Ray. 2007. "Grain Reserves in an Ethanol Era." Report to the National Farmers Organization.
- English, Burton, Daniel De La Torre, James Larson, Jamey Menard, Chad Hellwinckel, P. Spinelli. 2007. "Evaluating the Economic and Environmental Impacts on the Agricultural Sector as a Result of the Push Toward Renewable Fuels." Report the National Resource Conservation Service.
- Tiller, Kelly J. 2007. "2007 Baseline Projections for Southeastern Representative Cotton Farms." Cotton Incorporated Project 02-275 Final Report.
- De La Torre Ugarte, Daniel, Burton English, Kim Jensen, Chad Hellwinckel, Jamey Menard, and Brad Wilson. 2006. "Opportunities and Challenges of Expanding the Production and Utilization of Ethanol and Biodiesel." Final Report. Study sponsored by the National Commission on Energy Policy and the Governors' Ethanol Coalition.
- De La Torre Ugarte, Daniel, Burton English, Kim Jensen, Chad Hellwinckel, Jamey Menard, and Brad Wilson. 2006. "Opportunities and Challenges of Expanding the Production

- and Utilization of Ethanol and Biodiesel.” Final Report, study funded by the National Commission on Energy Policy and the Governors’ Ethanol Coalition.
- English, Burton, Daniel De La Torre Ugarte, Kim Jensen, Chad Hellwinckel, Jamey Menard, Brad Wilson, Roland Roberts, and Marie Walsh. 2006. “25% Renewable Energy for the United States By 2025: Agricultural and Economic Impacts.” 25 x 25’ Working Group, Washington D.C. <http://www.25x25.org/>
- English, Burton, Daniel De La Torre Ugarte, Kim Jensen, Chad Hellwinckel, Jamey Menard, Brad Wilson, Roland Roberts, and Marie Walsh. 2006. “Projected Impacts of 25x’25 on Agriculture and the Nation’s Economy: Study REPORT.” Report to the 23x’25 Ag Work Group.
- De La Torre Ugarte, Daniel and Chad Hellwinckel. 2006. “Analysis of the Economic Impacts on the Agricultural Sector of the Elimination of the Conservation Reserve Program.” Agricultural Policy Analysis Center, The University of Tennessee, Knoxville, TN.
- De La Torre Ugarte, Daniel, Burton English, Marie Walsh, Chad Hellwinckel, and Jamey Menard. 2006. “Economic Impacts from Increased Competing Demands for Agricultural Feedstocks to Produce Bioenergy & Bioproducts.” Final Report to CSREES NRI Grant.
- Tiller, Kelly J. and Marie Walsh. 2006. “Genetic Modification of Tobacco for Pharmaceutical and Industrial Uses: A Research and Industry Review.” Final Report prepared for Virginia Polytechnic Institute and State University under Subaward Agreement CR-19121-428950, Initiative for Future Agriculture and Food Systems Grant No. 2001-52100-22350, USDA Cooperative State Research, Education and Extension Service.
- Tiller, Kelly J., Thomas Capehart, and Fisseha Tegenge. 2006. “Tobacco Quota Buyout: Impacts on Tobacco Farmers, Industry, and Tobacco-Growing Regions.” Final Report, USDA Economic Research Service, Cooperative Agreement No. 43-3AEK-9.
- Tiller, Kelly J. 2006. “2006 Baseline Projections for Southeastern Representative Cotton Farms.” Cotton Incorporated Project 02-275 Final Report.
- English, Burton, Marie Walsh, Daniel De La Torre Ugarte, and Jamey Menard. 2005. “A Review of The Department of Energy, Energy Efficiency and Renewable Energy’s Biomass Supply Curves, 2005.” Research Sponsored by: Oak Ridge National Laboratory Department of Energy.
- Hellwinckel, Chad and Daniel De La Torre Ugarte. 2005. “Projection and Analysis of Impacts in the Agricultural Sector Resulting From Increase in Yields of Switchgrass Through the Year 2025.” Final Report, funded by The Role of Biomass in America’s Future (RBAEF).
- Tiller, Kelly J. and Jennifer Brown. 2005. “Updated Baseline Projections for Southeastern Representative Cotton Farms.” Cotton Incorporated Project 02-275 Final Report.
- English, Burton, Daniel De La Torre Ugarte, Jamey Menard, Chad Hellwinckel, and Marie Walsh. 2004. “An Economic Analysis of Producing Switchgrass and Crop Residues for Use as a Bio-energy Feedstock.” Final report TAES/ Sun Grant Initiative.
- De La Torre Ugarte, Daniel and Chad Hellwinckel. 2004. “Commodity and Energy Policy under Globalization.” Final Report to the Better World Fund.

- Tiller, Kelly J. 2004. "U.S. Cotton Subsidies Under Fire: Would Subsidy Elimination Really Help Farmers Worldwide? Final Report." Cotton Incorporated Project 02-275 Final Report.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller. 2003. "Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." Final report to Oxfam-America.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, and Daryll Ray. 2003. "Modeling the Economics of Conservation Tillage Incentives and Rate of Adoption." Final Technical Report on Economic Evaluation of CO₂ Storage and Sink Enhancement Options, TVA Public Power Institute, document no. DE-FC26-00NT40937.
- Tiller, Kelly J., Jennifer Brown, James Sartwelle III, and James Richardson. 2003. "Evaluating the Impacts of the 2002 Farm Bill on Representative Southeastern Cotton Farms: Final Report." Cotton Incorporated Project 02-275 Final Report.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, and Daryll Ray. 2002. "Modeling the Economics of Conservation-Tillage: Incentives and Rate of Adoption." Final report to the Tennessee Valley Authority, Project: Release No. 11 Formerly 1439477, Economic Evaluation of CO₂ Sequestration.
- Tiller, Kelly J. and Jennifer Brown. 2002. "Estimating the Impacts of Farm Policy and Marketing Alternatives on Tennessee Cotton Farms." Cotton Incorporated Project 01-901TN Final Report.
- Schaffer, Harwood D., Daniel De la Torre Ugarte, and Daryll Ray. 2001. "Grain Reserves in and Ethanol Era." Report to the National Farmers Union.
- English, Burton, Jamey Menard, and Daniel De La Torre Ugarte. 2001. "Using Corn Stover for Ethanol Production: A Look at The Regional Economic Impacts for Selected Midwestern States." Final Report, Oak Ridge National Laboratory, Contract Number 4500010956.
- De La Torre Ugarte, Daniel, Marie Walsh, Hossein Shapouri, and Stephen Slinsky. 2000. "The Economic Impacts of Bioenergy Crop Production in U.S. Agriculture." Final Report to ORNL/DOE, Washington, D.C.
- Hellwinckel, Chad, Daniel De La Torre Ugarte, and Daryll Ray. 1999. "Integrating the ERS Annual Livestock Model into POLYSYS: Final Report." USDA, ERS Cooperative Agreement No. 43-3AEK-5-80100, Washington, D.C.
- De La Torre Ugarte, Daniel and Daryll Ray. 1999. "Supply Response Project - POLYSYS Analysis: Final Report." USDA, ERS Cooperative Agreement No. 43-3AEK-7-80084, Washington, D.C.
- De La Torre Ugarte, Daniel, Richard White, Stephen Slinsky, Anthony Turhollow, Daryll Ray, Kelly Tiller, and Dana Bagwell. 1999. "Assessment of Biodiesel Production Potential in the Southeast." Final Report, Southeast Regional Biomass Energy Program, Tennessee Valley Authority, Mussel Shoals, AL.
- Tiller, Kelly, Stephen Slinsky, Daniel De La Torre Ugarte, Daryll Ray, Julia Davis, and Dana Bagwell. 1999. "Potential Economic Impacts of Proposed FQPA Implementation: The Tennessee Case." Final Report, Institute of Agriculture, University of Tennessee, Knoxville.

- De La Torre Ugarte, Daniel, Stephen Slinsky, and Daryll Ray. 1998. "The Economic Impacts of Biomass Production on the U.S. Agriculture Sector." Final report for the Office of Energy and Alternative Uses, ERS/USDA, Washington D.C.
- English, Burton, William Hewitt, Jose Velasquez, Daniel De La Torre Ugarte, and Anthony Turhollow. 1998. "An Economic and Environmental Assessment of Growing Biomass as a Fuel Source." Final Report, D.O.E Subcontract Number 11B-99732c,S-60 and USDA SCS 68-3A75-3-15.
- De La Torre Ugarte, Daniel, Daryll Ray, and Michael Dicks. 1996. "The Economic Impacts of Post CRP Agriculture." Final Report of NC-214, Economic and Environmental Implications of Expiring Conservation Reserve Contracts.
- De La Torre Ugarte, Daniel, Stephen Slinsky, John Hamrick, Daryll Ray, and Richard White. 1996. "Economic and Environmental Impacts of Movement Toward a More Sustainable Agriculture in the United States". Final report to Agriculture in Concert With the Environment (ACE), Agricultural Policy Analysis Center, University of Tennessee, Knoxville, TN.
- De La Torre Ugarte, Daniel, Stephen Slinsky, John Hamrick, Daryll Ray, Richard White, and Robert Pendergrass. 1996. "Economic and Environmental Impacts of Moving Toward a More Sustainable Agriculture in the Southeastern United States." Final report to Agriculture in Concert With the Environment (ACE), Agricultural Policy Analysis Center, University of Tennessee, Knoxville, TN.
- Bush, Scott, Daniel De La Torre Ugarte, John Hamrick, Robert Pendergrass, Daryll Ray, Steven Slinsky, and Richard White. 1995. "The ACE Southeast Regional Project: Final Report on the Farm-Level Analysis." Report to the Economic Research Service, Agricultural Policy Analysis Center, University of Tennessee, Knoxville, TN.
- Bhat, Mahadev, Duncan Chembezi, Daniel De La Torre Ugarte, and Daryll Ray. 1994. "Economic Impacts of a Federal Cigarette Tax Increase on U.S. Tobacco Industry." R.J. Reynolds Tobacco Company Preliminary Report, Agricultural Policy Analysis Center, University of Tennessee, Knoxville, TN.
- Alexander, Robert, Burton English, Anthony Turhollow, Daryll Ray, Daniel De La Torre Ugarte, and Duncan Chembezi. 1993. "Methodology and Data Report: Alcohol Fuel Supply Submodel." Report to the U.S. Department of Energy, Washington, D.C.
- Chembezi, Duncan, Daniel De La Torre Ugarte, Daryll Ray, and Mahadev Bhat. 1993. "National Impacts of the 1993 Midwest Flood." Research report, Agricultural Policy Analysis Center, Department of Agricultural Economics and Rural Sociology, The University of Tennessee, Knoxville, TN.

Table 6. Academic Publications and Presentations, 1991-2014

Description	Total
Referred Articles in Professional Journals	59
Published Abstracts and Papers presented at Professional Meetings or Conferences	162
Book Chapters	21
Contributions to Edited Volumes	18
Academic Seminars and Presentations	67
Special Lectures/Honor Presentations	5

Table 6: Academic Publications and Presentations

1. Referred Articles in Professional Journals

- Cho, Seong-Hoon., T. Kim, Roland Roberts, Chad Hellwinckel, S.G. Kim, and Brad Wilson. 2014. "Developing an amenity value calculator for urban forest landscapes." *Computers, Environment and Urban Systems* 43: 34-41.
- Lixia He, Burton English, Daniel De La Torre Ugarte, and Donald Hodges. 2014. "Woody Biomass Potential for Energy Feedstock in United States." *Journal of Forest Economics*. DOI information: 10.1016/j.jfe.2014.04.002
- Jalata, Asafa and Harwood Schaffer. 2013. "The Oromo, Gadaa/Siqqee Democracy and the Liberation of Ethiopian Colonial Subjects." *AlterNative: An International Journal of Indigenous People*, 9:4, 277-295.
- Feleke, Shiferaw, Jane Starnes, Harwood Schaffer, Kelly Tiller. 2013, "Economic Welfare Effects of the Increase in Labor Costs on U.S. Tobacco Farms." *Journal of Development and Agricultural Economics* 5:4, 142-149.
- Lixia He, Theodore Horbulyk, Md. Kamar Ali, Danny LeRoy, and Kurt Klein. 2012. "Proportional Water Sharing vs. Seniority-based Allocation in the Bow River Basin of Southern Alberta", *Agricultural Water Management*, 104:21-31.
- Schaffer, Harwood. 2012. "The Assumption of Non-coerciveness and the Total Food Market," *International Journal of Agriculture Innovations and Research* 1:2, ISSN (Online) 2319-1473, pp. 34-50.
- Langholtz, Matthew, Robin Graham, Laurence Eaton, Robert Perlack, Chad Hellwinkel, and Daniel De La Torre Ugarte. 2012. "Price Projections of Feedstocks for Biofuels and Biopower in the US." *Energy Policy* 41: 484-493. doi:10.1016/j.enpol.2011.11.009.
- Feleke, Shiferaw, Jane Howell-Starnes, Harwood Schaffer. 2012. "Profiling H-2A Program Participants in Tobacco Farming: Implications for Extension." *Journal of Extension*, 50:6. <http://www.joe.org/joe/2012december/rb6.php>
- Toliver, Dusting, James Larson, Roland Roberts, Burton English, Daniel De La Torre Ugarte, and Tristram West. 2012. "Effects of No-Till on Yields as Influenced by Crop and Environmental Factors." *Agronomy Journal* 104: 530-541, doi:10.2134/agronj2011.0291.
- Hellwinckel, Chad and Jennifer Phillips. 2011. "Landuse Carbon Implications of a Drawdown of Ethanol Production and an Increase in Well-Managed Pastures." *AGU Fall Meeting Abstracts* 1: 0882.
- Hellwinckel, Chad M., Tristram West, Daniel De La Torre Ugarte, and Robert Perlack. 2010. "Evaluating Possible Cap and Trade Legislation on Cellulosic Feedstock Availability." *Global Change Biology Bioenergy* 2:278-287.
- Lixia He and Theodore Horbulyk. 2010. "Market-Based Policy Instruments, Irrigation Water Demand, and Crop Diversification in the Bow River Basin of Southern Alberta." *Canadian Journal of Agricultural Economics* 58(2):191-213.

- Daniel De La Torre Ugarte, Lixia He, Kimberly Jensen, and Burton English. 2010. "Expanded Ethanol Production: Implications for Agriculture, Water Demand, and Water Quality." *Biomass and Bioenergy* 34(11):1586-1596.
- Hellwinckel, Chad, Tristram West, Daniel De La Torre Ugarte, and Robert Perlack, 2010. "Evaluating Possible Cap and Trade Legislation on Cellulosic Feedstock Availability." *Global Change Biology Bioenergy* 2:278-287.
- Larson, James, Burton English, Daniel De La Torre Ugarte, Jamey Menard, Chad Hellwinckel, and Tristram West. 2010. "Economic and Environmental Impacts of the Corn Grain Ethanol Industry on the United States Agricultural Sector." *Journal of Soil and Water Conservation* 65(5): 267-279.
- West, Tristram, Craig Brandt, Latha Baskaran, Chad Hellwinckel, Richard Mueller, Carl Bernacchi, Varaprasad Bandaru, Bai Yang, Brad Wilson, Gregg Marland, Richard Nelson, Daniel De La Torre Ugarte, and Wilfred Post. 2010. "Cropland Carbon Fluxes in the United States: Increasing Geospatial Resolution of Inventory-based Carbon Accounting." *Ecological Applications* 20(4): 1074-1086, <http://dx.doi.org/10.1890/08-2352.1>.
- Dicks, Michael, Jodie Campiche, Daniel De La Torre Ugarte, Chad Hellwinckel, Henry Bryant, and James Richardson. 2009. "Land Use Implications of Expanding Biofuel Demand." *Journal of Agricultural and Applied Economics* 41(2): 435-453.
- Nelson, Richard, Chad Hellwinckel, Craig Brandt, Tristram West, Daniel De La Torre Ugarte, and Gregg Marland. 2009. "Energy use and carbon dioxide emissions from cropland production in the United States, 1990-2004." *Journal of Environmental Quality* 38:418-425.
- Ray, Daryll E. and Harwood D. Schaffer. "Using Farm Sales as a Means Test for Receiving Direct Payments." Agricultural & Applied Economics Association>Policy Issues, PI(4), 1-4 September 2009. <http://purl.umn.edu/93680>
- Jalata, Asafa and Harwood Schaffer, 2009. "The Ethiopian State: Authoritarianism, Violence and Clandestine Genocide," *Journal of Pan African Studies* 3:6, 160-189.
- Cao, Yanjun, Lixia He, Pengcheng Liu, and Deyi Zhou. 2008. "Influence of Developing Rapeseed Biodiesel on Four Main Crops in China." *Journal of Huazhong Agricultural University* 27(3).
- West, Tris, Craig Brandt, Brad Wilson, Chad Hellwinckel, Donald Tyler, Gregg Marland, Daniel De La Torre Ugarte, James Larson, and Richard Nelson. 2008. "Estimating Regional Changes in Soil Carbon with High Spatial Resolution." *Soil Science Society of America Journal* 72(2): 285-294.
- Yuan, Joshua, Kelly Tiller, Hani Al-Ahmad, Nathan Stewart, and Neal Stewart Jr. 2008. "Plants to Power: Bioenergy to Fuel the Future." *Trends in Plant Science*. 13(8):421-429.
- Ray, Daryll E. and Harwood Schaffer. 2008. "USDA Top Officials vs. USDA Data." *Review of African Political Economy* 35(3): 514-516.
- Ray, Daryll E. 2008. "Are there any Scouts out there?" *Food Ethics* 23(2).
- Ray, Daryll E. and Harwood Schaffer. 2007. "Agriculture Crisis." *Guangxi Agriculture Journal* Editor: Xiangzin Wei.

- De La Torre Ugarte, Daniel, Burton English, and Kim Jensen. 2007. "Sixty Billion Gallons by 2030: Economic and Agricultural Impacts of Ethanol and Biodiesel Expansion." *American Journal of Agricultural Economics* 89(5): 1290-1295.
- Schaffer, Harwood D. 2007. "Rural Sociology: Looking Beyond the Land Grants and Other Traditional Haunts for Mew Members." *The Rural Sociologist* 27(4):35-36.
- Jalata, Asafa and Harwood Schaffer. 2007. "Oromo National Political Leadership: Assessing the Past and Mapping the Future." *Journal of Oromo Studies* 14(1): 79-116.
- De La Torre Ugarte, Daniel and Alejandro Dellachiesa. 2007. "Advancing The Agricultural Trade Agenda: Beyond Subsidies." *The Georgetown International Environmental Law Review*, 19: 775-796.
- De La Torre Ugarte, Daniel and Lixia He. 2007. "Is the Expansion of Biofuels at Odds with the Food Security of Developing Countries?" *Biofuels, Bioproducts & Biorefining* 1(2):92-102.
- He, Lixia, Wallace Tyner, Rachid Doukkali, and Gamal Siam. 2007. "Policy Options to Improve Water Allocation Efficiency: Analysis on Egypt and Morocco." *Water International* 31:320-335.
- Walsh, Marie, Daniel De La Torre Ugarte, Burton English, Kim Jensen, Chad Hellwinckel, Jamey Menard, and Richard Nelson. 2007. "Agricultural Impacts of Biofuels Production." *Journal of Agricultural and Applied Economics*, 39(2): 365-372.
- Jensen, Kim, Christopher Clark, Pamela Ellis, Burton English, Jamey Menard, Marie Walsh, and Daniel De La Torre Ugarte. 2007. "Farmer Willingness to Grow Switchgrass for Energy Production." *Biomass and Bioenergy* 31: 773-781.
- English, Burton, Daniel De La Torre Ugarte, Marie Walsh, Chad Hellwinckel, and Jamey Menard. 2006. "Economic Competitiveness of Bioenergy Production and Effects on Agriculture of the Southern Region." *Journal of Agricultural and Applied Economics* 38(2): 389-402.
- English, Burton, Daniel De La Torre Ugarte, Marie Walsh, Chad Hellwinckel, and Jamey Menard. 2006. "Economic Competitiveness of Bioenergy Production and Effects on Agriculture of the Southern Region." *Journal of Agricultural and Applied Economics* 38(2): 389-402.
- De La Torre Ugarte, Daniel, Burton English, Jamey Menard, and Marie Walsh. 2006. "Conditions that Influence the Economic Viability of Ethanol from Corn Stover in the Midwest of the USA." *International Sugar Journal* 108(1287):152-156.
- McLaughlin, Samuel, James Kiniry, Charles Taliaferro, and Daniel De La Torre Ugarte. 2006. "Projecting Yield Potential of Switchgrass as a Bioenergy Crop." *Advances in Agronomy* 90: 267-297.
- De La Torre Ugarte, Daniel. 2005. "The Contribution of Bioenergy to a New Energy Paradigm." *EuroChoices* 4(3).
- Ray, Daryll E. 2005. Review of "The Curse of American Agricultural Abundance: A Sustainable Solution." Willard W. Cochrane, University of Nebraska Press, Lincoln, Nebraska, 2003, 160 pp., ISBN: 0803215290. *Agriculture Economics* 32: 1-3.

- De La Torre Ugarte, Daniel. 2005. "Positive Dynamics, Our Planet." United Nations Environment Programme.
- De La Torre Ugarte, Daniel. 2004. "Realidad y Retórica de la Política Agrícola de los Estados Unidos." Punto de Equilibrio, Centro de Investigación de la Universidad del Pacífico, Lima, Perú 13(86).
- De La Torre Ugarte, Daniel, Chad Hellwinckel, and James Larson. 2004. "Enhancing Agriculture's Potential to Sequester Carbon: A Framework to Estimate Incentive Levels for Reduced Tillage." *Environmental Management*, 33(1): S229-S237.
- Walsh, Marie, Daniel De La Torre Ugarte, Hosein Shapouri, and Stephen Slinsky. 2003. "The Economic Impacts of Bioenergy Crop Production on U.S. Agriculture." *Journal of Environmental and Resource Economics* 24:313-333.
- McLaughlin, S.B., Daniel De La Torre Ugarte, C.T. Garten, Lee Lynd, M.A. Sanderson, Virginia Tolbert, Marie Walsh, and D.D. Wolf. 2002. "High-Value Renewable Energy from Prairie Grasses." *Environmental Science and Technology* 36 (10): 2122 -2129.
- Ray, Daryll E. 2002. "Southern Policies Issues for the 2002: Legacy of the 1996 Act." *Journal of Agricultural and Applied Economics* 34(2): 384.
- De La Torre Ugarte, Daniel, Daryll Ray, and Kelly Tiller. 2002. "Analysis of Farm Policy Options: National Level Results." *Journal of Agricultural and Applied Economics* 34(2): 382.
- Ray, Daryll E. 2001. "Impacts of the 1996 Farm Bill Including Ad Hoc Additions." *Journal of Agricultural and Applied Economics* 33(2): 245-260.
- De La Torre Ugarte, Daniel and Daryll E. Ray. 2000. "Biomass and Bioenergy Applications of the POLYSYS Modeling Framework." *Biomass and Bioenergy* 4(3): 1-18. .
- Brown, Blake, William Snell, and Kelly Tiller. 1999. "The Changing Political Environment for Tobacco: Implications for Producers, Rural Communities, Taxpayers, and Consumers." *Journal of Agricultural and Applied Economics* 31(2):291-308.
- Ray, Daryll E., James Richardson, Daniel De La Torre Ugarte, and Kelly Tiller. 1998. "Estimating Price Variability in Agriculture: Implications for Decision Makers." *Journal of Agricultural and Applied Economics* 30(1): 21-33.
- Larson, James, Daniel De La Torre Ugarte, Richard White, and Daryll E. Ray. 1998. "Comment on Sustainable Agriculture: Economic and Environmental Tradeoffs." *Journal of Agricultural and Applied Economics* 30(1): 233.
- Ray, Daryll E., James Richardson, Daniel De La Torre Ugarte, and Kelly Tiller. 1998. "Estimating Price Variability in Agriculture: Implications for Decision Makers." *Journal of Agricultural and Applied Economics* 30(1):21-33.
- Setia, Parveen, Bengt Hyberg, Daniel De La Torre Ugarte, and Daryll E. Ray. 1997. "Planting Flexibility: Implications for Agriculture Sustainability." *International Advances in Economic Research* 3(3): 299-311.
- Bhat, Mahadev and Daryll E. Ray. 1995. "The Flexible Planting Program: Divergent National and Regional Economic Impacts." *International Journal of Public Administration* 18:149-165.

- Chembezi, Duncan, Daniel De La Torre Ugarte, and Daryll E. Ray. 1993. "What Price the 1993 Flood?" *Agri Finance* 35:46-49.
- Marcouiller, David, Daryll E. Ray, Dean Schreiner, and Dean Lewis. 1992. "Estimating Economic Impacts of Programming." *Journal of Extension* 30:20-22.
- Little, Randall and Daryll E. Ray. 1992. "Importance of the Net Operating Loss Carry back to Cow-Calf Producers." *Journal of the American Society of Farm Managers and Rural Appraisers* 56:82-87.
- Bhat, Mahadev, Daryll E. Ray, and Burton English. 1992. "Regional Economic Impacts of Farm Commodity and Environmental Regulations: An Integrated Modeling Approach." *International Journal of Public Administration*.

2. Published Abstracts and Papers presented at Professional Meetings or Conferences

- Yu, Edward T., Lixia He, Burton English, and James Larson. 2014. "GIS-based Optimization for Advanced Biofuels Supply Chains: A Case Study in Tennessee." Selected paper to be presented at the 6th International Conference on Applied Operational Research, Vancouver, Canada, 19-31 July.
- He, Lixia, Burton English, and Robert Menard. 2013. "Harvesting Woody Biomass as Bioenergy Feedstock and Its Impact on Regional Economies in the Southeastern U.S." Selected paper presented at the 60th Annual North American Meetings of the Regional Science Association International, Atlanta, GA, 13-16 November.
- Schaffer, Harwood D. 2013. "The Importance of Indigenous Oromo Religious Values in Developing a Democratic Government in Ethiopia." Oromo Studies Association, Washington, D.C., 3 August.
- He, Lixia and Burton English. 2013. "Woody Biomass Potential in the Southeast U.S." Selected poster presented at U.S. Department of Energy Biomass Conference 2013, Washington, D.C., 31 July.
- Schaffer, Harwood D. 2013. "Liberation and Governance in an Oromo-led State." Oromo Studies Association, Tucker, GA, 16 January.
- Hellwinckel, Chad and Daniel De La Torre Ugarte. 2012. "Projecting GHG Emissions from Agriculture: Effects of Shifting Trends in Cellulosic Feedstock Data." Proceedings Sungrant Conference, New Orleans, LA, 4 October.
- English, Burton, Lixia He, Daniel De La Torre Ugarte, Dayton Lambert, and Donald Hodges. 2012. "Economic Comparison of Woody Biomass Harvesting Strategies in United States". Selected poster presentation at the Agricultural & Applied Economics Association (AAEA) Annual Meeting, Seattle, WA, 12-14 August.
- Yu, Edward, Joshua Fu, James Larson, Burton English, Daniel De La Torre Ugarte, Brad Wilson, Jeongran Yun, and Jimmy Calcagno III. 2012. "Locating a Cellulosic Biorefinery in Tennessee by Evaluating Plant-gate Costs and Trucking Emissions of Feedstock." Selected Poster in AAEA Annual Meeting, Seattle, WA. 12-14 August.

- Schaffer, Harwood D. 2012. "Empowering Oromos for Leadership upon the Fall of the Tigrayan Regime," Oromo Studies Association, Minneapolis, MN, July.
- Yu, Edward, Joshua Fu, James Larson, Burton English, Daniel De La Torre Ugarte, Brad Wilson, Jeongran Yun, Yuan Gao, and Jimmy Calcagno. 2012. "Environmental and Economic Costs Comparison of Alternative Biomass Feedstock Logistics Systems for a Biorefinery: A Case Study in East Tennessee." Selected Presentation of Western Economic Association International Annual Meeting, San Francisco, CA. 29 June – 3 July.
- Yu, Edward, Joshua Fu, James Larson, Burton English, Daniel De La Torre Ugarte, Brad Wilson, Jeongran Yun, Yuan Gao, and Jimmy Calcagno. 2012. "The Transportation Emission Impact of the Biomass Feedstock Traffic of a Potential Commercial-Scale Biorefinery in East Tennessee Considering the Plant-gate Costs and Hauling Emissions of Feedstock." Proceedings of Transportation Research Forum Annual Meeting, Tampa, FL, 14-17 March.
- Yu, Edward, Joshua Fu, James Larson, Burton English, Daniel De La Torre Ugarte, Brad Wilson, Yuan Gao, Jeongran Yun, and Jimmy Calcagno. 2012. "The Transportation Emission Impact of the Biomass Feedstock Traffic of a Potential Commercial-Scale Biorefinery in East Tennessee." Selected Poster Presentation in Transportation Research Board Annual Meeting, Washington, D.C., 22-26 January.
- He, Lixia, James Larson, and Burton English. 2012. "Farm Level Energy Feedstock Production Risk Analysis with Different Penalty Measures." In Proceeding of the International Conference on Climate Change, Recycling of Agricultural Sources, Technology Improvement and Agriculture Development, Wuhan, China, 7-10 January.
- Langholtz, Matthew, Robin Graham, Laurence Eaton, Robert Perlack, Chad Hellwinkel, and Daniel De La Torre Ugarte. 2012. "Price Projections of Feedstocks for Biofuels and Biopower in the US." *Energy Policy* 41: 484-493. doi:10.1016/j.enpol.2011.11.009.
- Schaffer, Harwood D. 2011. "The Assumption of Non-coerciveness and the Aggregate Food Market." International Confederation of Associations for Pluralism in Economics (ICAPE) Third Triennial Research Conference, Amherst, MA, November.
- Ali, Md. Kamar, Lixia He, Theodore M. Horbulyk, Danny G. Le Roy, and Kurt Klein. 2011. "Seniority vs. proportional allocation in the Bow River Basin." Selected paper presentation at the International Water and Resource Economics Consortium (IWREC) conference, Banff, Alberta, 25-27 June.
- Toliver, Dustin, James Larson, Burton English, Roland Roberts, Daniel De La Torre Ugarte, and Tristram West. 2011. "Effects of No-Tillage Production Practices on Crop Yields as Influenced by Crop and Growing Environment Factors." Selected Paper, Annual Meeting of the Southern Agricultural Economics Association, Corpus Christi, TX, 5-8 February.
- West, Tristram, Varaprasad Bandaru, Chad Hellwinckel, Craig Brandt. 2011. "Mapping Agricultural Land-Use Change in the US: Biofuel scenarios from 2000-2030." American Geophysical Union (AGU) Annual Conference, San Fransisco, CA, 5-9 December.
- Hellwinckel, Chad, and Jennifer Phillips. 2011. "Landuse Carbon Implications of a Drawdown of Ethanol Production and an Increase in Well-Managed Pastures."

- American Geophysical Union (AGU) Annual Conference, San Francisco, CA, 5-9 December.
- Schaffer, Harwood D. 2011. "The Role of Youth in Transforming the Failed State of Ethiopia." International Oromo Youth Association, International Conference, Minneapolis, MN, July.
- Schaffer, Harwood D. 2011. "Economic and Trade Issues Important to Oromo Governance." Oromo Studies Association Mid-Year Conference, Montreal, Canada, April.
- Hellwinckel, Chad and Tristram West. 2010. "Modeling Joint Climate and Bioenergy Policies: Challenges of Integrating Economic and Environmental Data." American Geophysical Union (AGU) Annual Conference, San Francisco, CA, 17-22 December.
- He, Lixia, Burton English, Daniel De La Torre Ugarte, and Verel Benson. 2010. "Assessing Water Resource with Respect to Large-Scale Expansion of Ethanol Feedstock Production in United States." Selected paper presentation at the Agricultural & Applied Economics Association (AAEA) Conference, Denver, CO, 25-27 July.
- He, Lixia, Theodore Horbulyk, Md. Kamar Ali, Danny Le Roy, and Kurt Klein. 2010. "Implementing Proportional Water Sharing as a Water Allocation Rule in the Bow River Basin of Southern Alberta." Selected paper presentation at the Canadian Agricultural Economics Society (CAES), Denver, CO, 25-27 July.
- Schaffer, Harwood D. 2010. "The Implications of a Multinational Democracy in Ethiopia." Oromo Studies Association Annual Meeting, Washington, D.C., August.
- English, Burton, Jamey Menard, Kim Jensen, Daniel De La Torre Ugarte, and Chad Hellwinckel. 2010. "Economic and Employment Opportunities from an Expanding Renewable Energy Sector." 2010 IMPLAN User's Conference, St. Louis, MO. Presented Paper with Abstract from Meeting.
- Toliver, Dustin, James Larson, Burton English, Roland Roberts, and Daniel De La Torre Ugarte. 2010. "Effects of Conservation Tillage on Crop Yields as Influenced by Crop, Region and Environmental Factors." In D.M. Endale and K.V. Iversen, eds., Proceedings of the 32nd Southern Conservation Agricultural Systems Conference, pp. 45-47, Jackson, TN, 20-22 July.
- West, Tristram, Chad Hellwinckel, and Daniel De La Torre Ugarte. 2010. "Potential Legislative and Economic Impacts on Cropland Management and Carbon Dynamics in the United States." NASA Terrestrial Ecology Conference, La Jolla, CA, 15-17 March.
- De La Torre Ugarte, Daniel. 2009. "Can Biofuels Be Sustainable in an Unsustainable Agriculture?. Proceedings of 'The Climate-Energy Nexus.' Workshop, China-US Joint Research Center for Ecosystem and Environmental Change, Oak Ridge, TN, 11-13 November.
- Hellwinckel, Chad, Tristram West, Daniel De La Torre Ugarte, and Robert Perlack. 2009. "EISA and the New Climate Bill: Will they Get Along?" Plenary Session Invited Speaker, ASA-CSSA-SSSA International Annual Meetings, Pittsburgh, PA, 2 November.
- Jalata, Asafa and Harwood Schaffer. 2009. "The Ethiopian State: Authoritarianism, Violence and Clandestine Genocide." Oromo Studies Association Annual Meeting, Washington, D.C., August.

- De La Torre Ugarte, Daniel, Lixia He Lambert, Kim Jensen, Burton English, and Kaelin Willis. 2008. "Estimating Agricultural Impact of Expanded Ethanol Production: Policy Implications for Water Demand and Quality." Selected paper presented at the American Agricultural Economics Association (AAEA) Annual meeting, Orlando, FL, 27-29 July.
- He, Lixia, James Larson, and Burton English. 2008. "Farm Level Energy Feedstock Production Risk Analysis: A Comparison Using Quadratic and SemiVariance Risk Penalty Measures." Selected paper presented at the SCC-76 Economics and Management of Risk in Agriculture and Natural Resource Group Annual Meeting, Orange Beach, AL, 13-15 March.
- Tiller, Kelly J. 2008. "The Potential for Tobacco Growers to Produce Energy Crops." Selected paper, published abstract. Proceedings of the 43rd Tobacco Workers Conference, Savannah, GA, pp. 42.
- Tiller, Kelly J. 2008. "The UT Biofuels Initiative." Selected paper, published abstract, Proceedings of the Short Rotation Crops International Conference, Minneapolis, MN.
- Tiller, Kelly J and Timothy Rials. 2008. "The UT Biofuels Initiative: From Grow to Go." Selected paper, published abstract, Proceedings of the CINF Symposium: Engineering the Transition to the Bioeconomy, American Chemical Society Annual Meeting, New Orleans, LA.
- Schaffer, Harwood D. 2008. "Boserup and Agricultural/Economic Development in an Oromo-Led government." Oromo Studies Association Annual Meeting, Washington, D.C., August.
- Schaffer, Harwood D. 2007. "Voices from the Future: Constructing a New Rural Sociological Society for the 21st Century—A Personal Response." Rural Sociological Society Annual Meeting, August.
- Schaffer, Harwood D. 2007. "Henry A. Wallace: Social Theorist of the New Deal." Rural Sociological Society Annual Meeting, August.
- He, Lixia and Theodore Horbulyk. 2007. "Integrated Policy Instruments and Agricultural Water Allocation in the Bow River Basin of Southern Alberta." *Water: Science and Politics*. Proceedings of the Alberta Society of Professional Biologists, Calgary Alberta, Henry Epp and Dave Ealey, eds.
- Ray, Daryll E. 2007. "Henry A. Wallace: Social Theorist of the New Deal. And Contemporary Agricultural Policy and Henry A. Wallace: Lessons to be Remembered in an Age of Globalization." Annual Rural Sociological Society meeting, Santa Clara, CA, 2-6 August.
- Hellwinckel, Chad, Daniel De La Torre Ugarte, Tris West, James Larson, Richard Nelson, John Travis, Craig Brandt, and Brad Wilson. 2007. "Estimating Incentive Induced Changes to Net Carbon Flux from U.S. Agriculture Using a High-Resolution Intergrated Socioeconomic-Biogeophysical Model." Select paper for the American Agricultural Economics Association Annual Meeting, Portland, OR, 29 July – 1 August.
- Collins, Ayoo, Lixia He, and Theodore Horbulyk. 2007. "The Economics of Rural-Urban Water Allocation Strategies in the Bow River Basin of Alberta." Selected paper presented at the Canadian Agricultural Economics Society (CAES) Annual Meeting, Portland, OR, 28 July – 1 August.

- De La Torre Ugarte, Daniel, Chad Hellwinckel, Burton English, and Jamey Menard. 2007. "The POLYSYS Modeling System and its use in the Analysis of Bioenergy Issues." Organized Symposia, American Agricultural Economics Association Annual Meeting, Portland, OR, 29 July – 1 August.
- Schaffer, Harwood D. 2007. "Agricultural and Economic for an Independent Oromia." Oromo Studies Association Annual Meeting, July.
- Clark, Christopher, Lixia He, and Clifford Russell. 2007. "Water Pricing, Demand Management and Cost Recovery." Selected paper presented at Water Governance in the MENA Region: Critical Issues and the Way Forward, Cairo, Egypt, 23-27 June.
- Schaffer, Harwood D. 2007. "Agricultural and Economic Policy for a New State in the Horn of Africa." International Confederation of Associations for Pluralism in Economics (ICAPE), 1 June.
- De La Torre Ugarte, Daniel, Burton English, Kim Jensen, Chad Hellwinckel, and Jamey Menard. 2008. "Expanding the Role of Biofuels in America's Energy Portfolio Analysis of the 25x'25 Vision." Biofuels, Food and Feed Tradeoffs: Proceedings of a conference, Farm Foundation, St. Louis, MO, 12-13 April.
- Schaffer, Harwood D. and Pracha Koonathamdee. 2007. "Beyond the Cash Register: An Examination of the Full Social and Economic Costs of Industrialized Pork Production." Southern Sociological Society Annual Meeting, April.
- Hellwinckel, Chad, Daniel De La Torre Ugarte, Burton English, and Kim Jensen. 2007. "Biofuels in POLYSYS: Model Design, Simulation and Expansion." Farm Foundation and USDA Economic Research Service Workshop: Global Biofuel Developments – Modeling the Effects on Agriculture, Washington, D.C., 27-28 February.
- Ray, Daryll E. 2007. "US Agricultural Commodity Policy and its Relationship to Obesity." Wingspread Conference, Contributions of U.S. Food and Agricultural Policy to the Obesity Epidemic: Opportunities and Recommendations, Racine, WI.
- Jones, LaKeya N. and Kelly Tiller. 2007. "Post-Buyout Burley Tobacco Production and Trends in the Traditional Burley Regions of Tennessee, North Carolina and Virginia." Selected paper, published abstract, *Journal of Agricultural and Applied Economics* 39(2):524.
- Tiller, Kelly J. 2007. "Biofuels Policy in the U.S.: Overview and Alternatives." Invited paper, Proceedings of the 5th International Starch Technology Conference. Urbana-Champaign IL, pp. 93-97.
- De La Torre Ugarte, Daniel, Burton English, Marie Walsh, and Chad Hellwinckel. 2006. "Economic Impacts from Increased Competing Demands for Agricultural Feedstocks to Produce Bioenergy and Bioproducts." University of Tennessee Institute of Agriculture, Department of Agricultural Economics, Research Series, June.
- Schaffer, Harwood D. 2006. "Trade Liberalization and Its Impact on Ethiopian Agriculture." Rural Sociological Society Annual Meeting, August.
- Schaffer, Harwood D. 2006. "The Viability of Oromia: A Point of Departure." Oromo Studies Association Annual Meeting, July.

- Schaffer, Harwood D. 2006. "Agricultural Production in Oromia." Oromo Studies Association Mid-Year Meeting, February.
- Tiller, Kelly and Marie Walsh. 2006. "Biotech Tobacco: Assessing Commercialization Potential." Selected paper, published abstract. Proceedings of the 42nd Tobacco Workers Conference, Charleston, SC, pp. 39-40.
- Tiller, Kelly J. 2006. "Tobacco Buyout: Impacts on Manufacturers." Selected paper, published abstract. Proceedings of the 42nd Tobacco Workers Conference, Charleston, SC, p. 42.
- Ray, Daryll E. and Harwood D. Schaffer. 2004, 2006. "Will reductions in domestic supports in OECD countries actually raise crop prices in developing countries? If not, what would?" "Agricultural trade liberalization and the least developed countries: How should they respond to developments in the WTO?" Agricultural Trade Liberalization Workshop, Wageningen University, Wageningen, Netherlands, 2-3 December. Library of Wageningen UR <http://library.wur.nl/frontis>. Frontis Publications through its *Wageningen International Nucleus for Strategic Expertise*, Wageningen Scholarly Publishing. Also printed version published as a volume of the Wageningen UR *Frontis* Book Series, 6700 AB Wageningen, Netherlands, 2006.
- West, Tris, Craig Brandt, Daniel De La Torre Ugarte, James Larson, Chad Hellwinkle, Brad Wilson, and Gregg Marland. 2005. "Developing Bottom-Up Estimates of Net Carbon Flux Using Survey Data, Remote Sensing, and Economic Modeling: A Case Study for Agricultural Lands in the U.S. Mid-Continental Region." Selected Paper, Fall Meeting, American Geophysical Union, San Francisco, CA. 5-9 December.
- Schaffer, Harwood D. 2005. "Trade Liberalization, Globalization, and Agriculture in Oromia." Southeast Regional Seminar in African Studies Meeting, October.
- Schaffer, Harwood D. and Daniel De La Torre Ugarte. 2005. "Food Sovereignty: Challenging the Conventional Wisdom in International Trade." International Sociological Society RC-40 Mini-Conference held in conjunction with the Rural Sociological Society Annual meeting, August.
- Larson, James, Burton English, Chad Hellwinckel, Daniel De La Torre Ugarte, and Marie Walsh. 2005. "A Farm Level Evaluation of Conditions under Which Farmers Will Supply Biomass Feedstocks for Energy Production." Selected paper, Annual Meeting of American Agricultural Economics Associate, Providence, RI, 24-27 July.
- Ray, Daryll E. and Harwood D. Schaffer. 2005. "Economic Analysis of the 2002 Farm Bill." Proceedings of the Agricultural Policy Summit, Scheman Center, Iowa State University, Ames, IA, July.
- Ray, Daryll E. and Harwood D. Schaffer. 2005. "How Federal Farm Policy Influences the Structure of Our Agriculture." Proceedings of the Agricultural Policy Summit, Scheman Center, Iowa State University, Ames IA, July.
- Ray, Daryll E. 2005 "Critique of Agricultural Policy and Finding New Directions." Conference, World Trade Organization, Geneva, Switzerland, 20-21 April.
- Schaffer, Harwood D. 2005. "The World Bank's Pro-Poor Scenario: Who Will Reap the Benefits?" Southern Sociological Society Annual Meeting, April.

- Schaffer, Harwood D and Daryll E. Ray. 2005. "Identifying Public Policies that Strengthen Farming as a Livelihood Strategy." Southern Rural Sociological Association Annual Meeting, February.
- Tiller, Kelly J. 2005. "Burley Tobacco Situation and Outlook." Invited paper. Proceedings of AgLender Seminars: 2006 Farm Financial Outlook, Columbia MO.
- Ray, Daryll E. 2005. "Identifying Public Policies that Strengthen Farming as Household Livelihood Strategy." Selected Paper. Harwood Schaffer and Daryll Ray. Southern Rural Sociological Society Annual Meeting, 7 February.
- Ray, Daryll E. and Harwood D. Schaffer. 2004 "Targeting Policy Toward Each of Three Agricultures." New Perspectives on Food Security Conference, Airlie Conference Center, Warrenton, VA, 13 November.
- Hellwinckel, Chad M. 2004. "The Economic Competitiveness and Impacts on the Agricultural Sector of Switchgrass as a Bioenergy Dedicated Crop." Plenary Session Speaker AAIC/NUC Joint Annual Meeting: Industrial Crops & Uses to Diversify Agriculture, Minneapolis, MN, 19-22 September.
- English, Burton, Kim Jensen, Jamey Menard, Marie Walsh, Daniel De La Torre Ugarte, Craig Brandt, Jim Van Dyke, and Stanton Hadley. 2004. "Economic Impacts Resulting from Co-firing Biomass Feedstocks in Southeastern United States Coal-Fired Plants." Selected Paper prepared for presentation at the American Agricultural Economics Association Annual Meeting, Denver, CO, 1-4 August.
- English, Burton, Jamey Menard, Daniel De La Torre Ugarte, and Marie Walsh. 2004. "Economic Impacts of Ethanol Production From Corn Stover in Selected Midwestern States." Selected Paper prepared for presentation at Agriculture as a Producer and Consumer of Energy, Arlington, VA, 24-25 June.
- Hellwinckel, Chad and Daniel De La Torre Ugarte. 2004. "The Economic Competitiveness and Impacts on the Agricultural Sector of Switchgrass and Crop Residues as Bioenergy Dedicated Crops." Farm Foundation, Invited Paper, Washington D.C., June.
- Tiller, Kelly J. 2004. "Economic Impacts of a Tobacco Quota Buyout." Selected paper, published abstract. Proceedings of the 41st Tobacco Workers Conference. Nashville, TN, pp. 64-65.
- Brown, Jennifer G. and Kelly J. Tiller. 2004. "Expectations vs. Experience: An Update on States' Use of MSA Payments." Selected paper, published abstract. Proceedings of the 41st Tobacco Workers Conference. Nashville, TN, pp. 65-66.
- Schaffer, Harwood D. 2004. "On Predicting the Price of Corn, 1963-2002," Southern Agricultural Economics Association Annual Meeting, *Abstract Journal of Agricultural and Applied Economics*.
- Tiller, Kelly J. and Harwood D. Schaffer. 2004. "U.S. Cotton Subsidies Under Fire: Would Subsidy Elimination Really Help Farmers Worldwide?" Selected paper, published abstract. Proceedings of the 2004 Beltwide Cotton Conference, National Cotton Council, Memphis TN.

- Tiller, Kelly J., Burton English, and Jamey Menard. 2004. "Tobacco Quota Buyout Legislation: Economic Impacts in the Southeast." Selected paper, published abstract. *Journal of Agricultural and Applied Economics* 36(2):518.
- Tiller, Kelly J., Jennifer Brown, James Sartwelle III, and James Richardson. 2003. "Impacts of the 2002 Farm Bill on Representative Southeastern Cotton Farms." Selected paper, published abstract. Proceedings of the 2003 Beltwide Cotton Conference. National Cotton Council, Memphis TN.
- Tiller, Kelly J. 2003. "Movement Toward Sustainable Agricultural Policies: Cooperative Policy Alternatives to Address the Farm Income Crisis." Invited paper. Conference Proceedings, Moving Forward from Cancún: The Global Governance of Trade, Environment and Sustainable Development. Berlin, Germany.
- Segarra, Eduardo, Daniel De la Torre Ugarte, Jamie Malaga, and Gary Williams. 2003. "Social Welfare and Environmental Degradation in Agriculture: The Case of Ecuador." 25th International Conference of Agricultural Economists Proceedings. Durban, South Africa, on CD-ROM disk -pp.1020-1026, August.
- Ray, Daryll E. 2003. "The Impact of the 2002 Farm Bill." Agricultural Economics Department California Polytechnic State University, San Luis Obispo, CA, 10 April.
- Hellwinckel, Chad, James Larson, and Daniel De La Torre Ugarte. 2003. "Incentives for Switching Agricultural Land to Carbon Sequestering No-Tillage: What Duration are Incentives Necessary?" Selected paper presented at the Southern Agricultural Economics Association Meeting, Mobile, AL, 3 February.
- Hellwinckel, Chad and Daniel De La Torre Ugarte. 2003. "An Energy Strategy Based on Energy Dedicated Crops or Corn: Differential Economic and Regional Impacts." Selected paper presented at the Southern Agricultural Economics Association Meeting, Mobile, AL, February.
- Hellwinckel, Chad, James Larson, and Daniel De La Torre Ugarte. 2003. "Incentives for Switching Agricultural Land to carbon Sequestering No-Tillage: What Duration are Incentives Necessary?" Selected paper prepared, published abstract, *Journal of Agricultural and Applied Economics*, 35(2):427.
- Sartwelle, James D. III, Kelly Tiller, James Richardson, Joe Outlaw and David Anderson. 2003. "Southern Agriculture Under the 2002 Farm Bill: A Representative Farms Approach." Selected paper, published abstract. *Journal of Agricultural and Applied Economics* 35(2):429.
- Tiller, Kelly J. and Jennifer G. Brown. 2003. "Proposed Tobacco Quota Buyout Legislation: Effects on Tennessee Tobacco Farms." Selected paper, published abstract. *Journal of Agricultural and Applied Economics* 35(2):435.
- De La Torre Ugarte, Daniel. 2003. "An Energy Strategy Based on Energy Dedicated Crops or Corn: Differential Economic and Regional Impacts." Selected paper prepared, published abstract, *Journal of Agricultural and Applied Economics*, 35(2):428.
- Cole, Tammara, Daniel De La Torre Ugarte, Burton English, and Jamey Menard. 2002. "Cost and Dependability of Moving Grain to the Southeast." Selected paper, published abstract, *Journal of Agricultural and Applied Economics* 34(3):374.

- De La Torre Ugarte, Daniel and Marie Walsh. 2002. "Synergism Between Agricultural and Energy Policy: The Case of Dedicated Bioenergy Crops." Selected paper, published abstract, *Journal of Agricultural and Applied Economics*, 34(3):379.
- Tiller, Kelly J. 2002. "Expectations vs. Experience: Use of Tobacco Settlement Payments in Major Tobacco Growing States." Selected paper, published abstract, Proceedings of the 40th Tobacco Workers Conference, Pinehurst, NC, pp. 39.
- Tiller, Kelly J., R. Jamey Menard and Burton English. 2002. "Impacts of Tobacco Program and Production Changes on Tennessee's Economy." Selected paper, published abstract, Proceedings of the 40th Tobacco Workers Conference, Pinehurst, NC, pp. 38.
- Tiller, Kelly J. 2002. "Farm Bill Analysis Using Two Representative Tennessee Cotton Farms." Selected paper, published abstract, Proceedings of the 2002 Beltwide Cotton Conference, National Cotton Council, Memphis, TN.
- Tiller, Kelly J. 2002. "Expectations vs. Experience: Use of Tobacco Settlement Payments in Major Tobacco Growing States." Selected paper, published abstract, *Journal of Agricultural and Applied Economics* 34(2):366.
- Ray, Daryll E. 2002 "Southern Policies Issues for the 2002: Legacy of the 1996 Act." *Journal of Agricultural and Applied Economics* 34(2): 384, August.
- De La Torre Ugarte, Daniel, Daryll E. Ray, and Kelly J. Tiller. 2002 "Analysis of Farm Policy Options: National Level Results." *Journal of Agricultural and Applied Economics* 34(2): 382, August.
- Menard, Jamey, Kelly J. Tiller, and Burton English. 2002. "Impacts of Tobacco Program and Production Changes on Tennessee's Economy." Selected paper, published abstract, *Journal of Agricultural and Applied Economics* 34(2):366.
- Brown, Jennifer G. and Kelly J. Tiller. 2002. "Impacts of Farm Policy Alternatives on Two Representative Tennessee Cotton Farms." Selected paper, published abstract, *Journal of Agricultural and Applied Economics* 34(2):364.
- Ray, Daryll E. 2001. "An Examination of Potential Production Price and Income Trends under Current Policies." American Agricultural Economics Association Annual Meetings, Chicago, IL, 1 August.
- Menard, Jamey, Daniel De La Torre Ugarte, Robert Wooley, Burton English, and Marie Walsh. 2001. "Potential Regional Economic Impacts of Converting Corn Stover to Ethanol." Selected poster, published abstract, *Journal of Agricultural and Applied Economics*, 33(2), August.
- Tiller, Kelly J. 2000. "Contracting in U.S. Agriculture: Lessons for Tobacco." Selected paper, published abstract, Proceedings of the 39th Tobacco Workers Conference, Williamsburg, VA, pp. 45.
- Tiller, Kelly J. 2000. "Farm-Level Analysis of Potential Changes in Tobacco Markets on Representative Tennessee Farms." Selected paper, published abstract, Proceedings of the 39th Tobacco Workers Conference, Williamsburg, VA, pp. 47-48.

- Tiller, Kelly J. 2000. "The Tobacco Settlement: Tennessee Perspective." Selected paper, published abstract, Proceedings of the 39th Tobacco Workers Conference, Williamsburg, VA, pp. 46.
- Slinsky, Stephen, James Whaley, and Kelly Tiller. 2000. "Federal Milk Marketing Order Reform: Effects on Tennessee Dairies." Selected paper, published abstract, *Journal of Agricultural and Applied Economics* 32(2):406.
- De La Torre Ugarte, Daniel. 2000. "Potential Changes in Agricultural Land Use Triggered by Growing Bioenergy Dedicated Crops." Proceedings Bioenergy 2000: Moving Technology to the Market Place, Buffalo, NY, 15-19 October.
- Ray, Daryll E, Stephen Slinsky, Daniel De La Torre Ugarte, and Kelly Tiller. 1999. "Potential Farm-Level Impacts of Proposed Food Quality Protection Act Implementation: The Tennessee Case." Selected paper, published abstract, *American Journal of Agricultural Economics* 81(5):1317.
- Tiller, Kelly J. and Daryll E. Ray. 1999. "Changing Tobacco Markets: Effects on Burley Tobacco Farms." Selected paper, published abstract, *American Journal of Agricultural Economics* 81(5):1307.
- Slinsky, Stephen, Daniel De La Torre Ugarte, Kelly Tiller, and Dana Bagwell. 1999. "Assessment of Biodiesel Production Potential in the Southeast." Selected poster, published abstract, *American Journal of Agricultural Economics* 81(5):1323.
- Slinsky, Stephen P. and Kelly J. Tiller. 1999. "Application of an Alternative Methodological Approach for Budget Generators for Research." Selected paper, published abstract, *Journal of Agricultural and Applied Economics* 31(2):401.
- De La Torre Ugarte, Daniel, Kelly Tiller, and Richard White. 1999. "Assessing the Southeast's Potential for Biodiesel Production Derived from Animal Fats." Selected paper, published abstract, *Journal of Agricultural and Applied Economics* 31(2):393.
- Ray, Daryll E., Stephen Slinsky, Daniel De La Torre Ugarte, and Kelly Tiller. 1999. "Potential Farm-Level Impacts of Proposed Food Quality Protection Act Implementation: The Tennessee Case." *American Journal of Agricultural Economics* 81(5): 1317.
- Lin, William, Bob Skinner, Scott Sanford, and Daniel De La Torre Ugarte. 1999. "The Impact of Planting Flexibility Under the 1996 Farm Act on the U.S. Major Field Crops Sector." Selected paper, published abstract, *American Journal of Agricultural Economics* 81(5).
- Tiller, Kelly J., Daryll E. Ray, and Stephen Slinsky. 1999. "Changing Tobacco Markets: Effects on Burley Tobacco Farms." *American Journal of Agricultural Economics* 81(5): 1307.
- De La Torre Ugarte, Daniel and Daryll E. Ray. 1999. "The Potential for Displacing Fossil Fuels with Biomass Derived from Agriculture." *American Journal of Agricultural Economics* 81(5): 1278.
- Ray, Daryll E. 1999. "A Few Grain Trends." *American Journal of Agricultural Economics* 81(5): 1280.
- Slinsky, Stephen P., Daniel De La Torre Ugarte, Kelly Tiller, and Dana Bagwell. 1999. "Assessment of Biodiesel Production Potential in the Southeast." Selected poster, published abstract, *American Journal of Agricultural Economics* 81(5).

- Walsh, Marie, Daniel De La Torre Ugarte, Stephen Slinsky, Robert Graham, Hosein Shapouri, and Daryll Ray. 1998. "Economic Analysis of Energy Crop Production in the U.S. - Location, Quantities, Price, and Impacts on Traditional Agricultural Crops." Proceedings: Bioenergy '98 Madison, WI, 4-8 October. Retrieved from <http://www.osti.gov/scitech/servlets/purl/772462>
- Ray, Daryll E. 1998. "Post-FAIR: No Case for a More Stable Agriculture." The American Agricultural Economics Association Annual Meeting, Salt Lake City, UT, 3 August.
- Tiller, Kelly J. and Daniel De La Torre Ugarte. 1998. "Relating the Potential Impacts of an El Niño Occurrence to Southeastern Agriculture." Selected paper, published abstract, *Journal of Agricultural and Applied Economics* 30(1):233.
- White, Richard, Daniel De La Torre Ugarte, and Daryll E. Ray. 1998. "The Importance of Meat Exports as a Source of U.S. Feed Grain Demand." Selected paper, published abstract, *Journal of Agricultural and Applied Economics* 30(1):233.
- Setia, Parveen, Daniel De La Torre Ugarte, Bengt Hyberg, Richard White, and Daryll E. Ray. 1997. "Assessing the Economic and Environmental Performance of Agricultural Production Systems in the U.S.: A Multiregional Analysis." Selected poster presented at the Soil and Water Conservation Society Annual Meeting, Toronto, Canada, 20-24 July.
- Pendergrass, Robert, Roland Roberts, Daniel De La Torre Ugarte, Daryll E. Ray, Dennis Deyton, and Carl Sams. "Substituting Soybean Oil for Petroleum Oil and Synthetic Insecticides in Fruit Production: Economic Impacts on the Soybean Sector." *Journal of Agricultural and Applied Economics* 30(1): 225.
- De La Torre Ugarte, Daniel, Kelly Tiller, and Stephen Slinsky. 1998. "Sustainable Agriculture: Implications for the Agricultural Input Sector." Selected paper, published abstract, *Journal of Agricultural and Applied Economics* 30(1):240.
- Ray, Daryll E. and Kelly J. Tiller. 1997. "U.S. Agricultural Exports: Projected Changes Under FAIR and Potential Unanticipated Changes." Selected paper, published abstract, *Journal of Agricultural and Resource Economics* 22(2):397.
- De La Torre Ugarte, Daniel and Daryll E. Ray. 1997. "Incorporating Environmental Consequences into National Agricultural Policy Analysis: A Regional Perspective." *American Journal of Agricultural Economics* 79(5): 1692.
- Hellwinckel, Chad and Kelly Tiller. 1998. "Tennessee Agriculture Simulation Model: Integrating a Regional Model into POLYSYS." Selected paper presented at the Southern Regional Science Association Annual Meeting, Savannah, GA, April.
- Tiller, Kelly J. and William M. Park. 1997. "Explaining Cooperation in Municipal Solid Waste Management." Selected paper, published abstract. *Journal of Agricultural and Applied Economics*. 29(1):211.
- Ray, Daryll E. 1997. "U.S. Food and Agricultural Policies - Now What's Ahead." *American Journal of Agricultural Economics* 79(5): 1693.
- White, Richard L., Parveen Setia, Bengt Hyberg, Robert Kellogg, and Daryll Ray. 1997. "Economic and Environmental Impacts of Moving Toward a More Sustainable Agriculture: Regional Winners and Losers." *American Journal of Agricultural Economics* 79(5): 1737.

- De La Torre Ugarte, Daniel, William Lin, and Agapi Somwaru. 1997. "Regional Product Adjustments Induced by the 1996 Farm Act." Selected paper, published abstract, *American Journal of Agricultural Economics* 79(5):1709.
- Johnston, Paul, Daniel De La Torre Ugarte, and Richard White. 1997. "Conservation Compliance: Considering Supply, Demand, and Environmental Impacts in Evaluating Costs and Benefits for Erosion-Stricken Areas of the United States." Selected poster, published abstract, *American Journal of Agricultural Economics* 79(5):1737.
- Ray, Daryll E. and Kelly J. Tiller. 1997. "U.S. Agricultural Exports: Projected Changes Under FAIR and Potential Unanticipated Changes." *Journal of Agricultural and Resource Economics* 22(2): 397.
- Ray, Daryll E. 1996. "Production Agriculture's Perspective." *American Journal of Agricultural Economics* 78(5): 1372.
- Ray, Daryll E. 1996. "Impact of 1996 Farm Bill on U.S. Export Competitiveness." *American Journal of Agricultural Economics* 78(5): 1375.
- Larson, James, Daniel De La Torre Ugarte, Richard White, and Daryll E. Ray. 1996. "Comment on Sustainable Agriculture: Economic and Environmental Tradeoffs." Research note in *International Advances in Economic Research* 2(1):99.
- Tiller, Kelly J., Paul M. Jakus, and William M. Park. 1995. "Household Willingness to Pay for Dropoff Recycling: Preliminary Analysis Using Referendum Data." Selected paper, published abstract, *American Journal of Agricultural Economics* 77(5):1374.
- Ray, Daryll E. and Daniel G. De La Torre Ugarte. 1995. "Preliminary Estimates of Economic and Environmental Impacts of Alternative Farming Practices." *American Journal of Agricultural Economics* 77(5): 1353.
- Bhat, Mahadev, Duncan Chembezi, Daniel De La Torre Ugarte, and Daryll E. Ray. 1995. "Economic Impacts of a Cigarette Tax Increase on U.S. Tobacco Industry." *Journal of Agricultural and Applied Economics* 27(1): 315-316.
- Chembezi, Duncan, Robert Pendergrass, Mahadev Bhat, Scott Bush, Jorge Huarachi, and Daryll Ray. 1995. "State, Community, and Farm-Level Impacts of Increasing Cigarette Excise Tax: The Case of Tennessee, Virginia and Ohio." *American Journal of Agricultural Economics* 77:1393-1393.
- De La Torre Ugarte, Daniel, Duncan Chembezi, Daryll Ray, Michael Dicks, and Robert Pendergrass. 1995. "A GIS Analysis of Policy Alternatives for CRP Acreage." *Journal of Agricultural and Applied Economics* 27(1):339.
- Chembezi, Duncan M., Scott Bush, and Mahadev Bhat. 1996. "Proposed Regulatory Policies and the Future of Tobacco Production in Selected Southern States." Paper presented at the *Missouri Valley Economic Association (MVEA) 32nd Annual Meeting*, Memphis, TN, 7-9 March.
- Chembezi, Duncan M. 1995. "The Price Support Mechanism and Its Impacts on U.S. Grain Production: Some Theoretical and Empirical Evidence." Paper presented at the *Missouri Valley Economic Association Annual Meeting* in Kansas City, MO, 23-25 February.

- Chembezi, Duncan M. and Daryll E. Ray. 1994. "Program Participation and Acreage Decisions Under Risk." *American Journal of Agricultural Economics* 76(5): 1259–60.
- Jakus, Paul M., Kelly Tiller, and William Park. 1994. "Rural Household Recycling: Explaining Participation and Weight Generation." Selected paper, published abstract, *Journal of Agricultural and Applied Economics* 26(1):319.
- Ray, Daryll E. 1994. "Barriers to the Adoption of More Sustainable Agricultural Practices." Program panelist, *American Journal of Agricultural Economics* 76(5): 1237.
- Ray, Daryll E. and Daniel De La Torre Ugarte. 1994. "Modeling the Impacts of Post-Contract CRP Agriculture." Published Proceedings from the NC-214 Meeting, Economics and Environmental Implications of Expiring Conservation Reserve Contracts, Kansas City, MO, 17-18 October.
- Chembezi, Duncan M. 1994. "Commodity Programs in U.S. Agriculture: Who Has Received the Benefits?" Invited paper presented at the Annual Meeting of the Rural Sociological Society (RSS) in Portland, OR, 11-14 August.
- Chembezi, Duncan M. 1994. "Regional Supply Elasticities and Changes in Cropping Pattern." *Journal of Agricultural and Applied Economics* 26(1):324.
- Chembezi, Duncan M. 1994. "Rational Versus Composite Expectations in Agriculture: The Case of U.S. Soybean Market." *The Journal of Economics* 20(1):89-99.
- Chembezi, Duncan M. and Daryll E. Ray. 1993. "A Two-Step Simulation Analysis of Selected Policy Options of the 1990 Farm Legislation." *American Journal of Agricultural Economics* 75(5): 1310.
- Bhat, Mahadev G. and Daniel De La Torre Ugarte. 1993. "Economic Analysis for Tennessee Agriculture." U.S. and Tennessee Agriculture in the 1990: Proceedings of the 1993 Agricultural Policy Conference, Agricultural Policy Analysis Center Staff Paper, University of Tennessee, Knoxville, TN.
- Ray, Daryll E. 1993. "A Modeling Framework to Evaluate the Aggregate Impacts of Moving Toward a More Sustainable Agriculture." Poster Presented at Science and Sustainability: Reshaping Agricultural Research and Education Conference, Seattle, WA, October.
- Chembezi, Duncan M. 1993. "Composite Price Expectations and the U.S. Soybean Market." *Journal of Agricultural and Resource Economics* 18(2):301.
- Chembezi, Duncan M., and Daryll E. Ray. 1993. 'Farmers' Motivation to Participate in Commodity Programs: A Qualitative and Quantitative Analysis.' Invited paper presented at the Annual Meeting of the Rural Sociological Society (RSS) in Orlando, FL, 7-10 August.
- Ray, Daryll E. 1993. "Deriving Macro Impacts of Sustainable Agriculture From ACE-Supported Farm and Regional-Level Research." The Sustainable Agriculture Economic Impact Study Annual Meeting, Washington, D.C., 29 July.
- Dicks, Michael R., Daryll E. Ray, and Daniel De La Torre Ugarte. 1992. "An Integrated System for Analyzing Agricultural and Environmental Policies (POLYSYS)." *American Journal of Agricultural Economics* 74(5): 1311.

- Pendergrass, Robert, Mahadev Bhat, and Daryll Ray. 1992. "Community Level Impact of Limited Input Sustainable Agriculture on a Small Tennessee Watershed." *American Journal of Agricultural Economics* 74(5): 1311.
- Park, William and Kelly Tiller. 1992. "Analysis of the Cost Effectiveness of a Dropoff Recycling System in a Rural-Suburban County." Selected poster, published abstract, *Journal of Agricultural and Applied Economics* 42(1):302.
- Ray, Daryll E. 1991. "Impacts of the 1990 Farm Act on Agriculture". *American Journal of Agricultural Economics* 71(5): 1525.

3. Book Chapters

- De La Torre Ugarte, Daniel and Chad Hellwinckel. 2011. "Biofuels and the Transformation of Agriculture: The Case of Climate Change Policy Instruments." In *The Economics of Alternative Energy Sources and Globalization*, Andrew Schmitz, Norbert Wilson, Charles Moss and David Zilberman, eds., Bentham Science Publishers, pp 196-205.
- De La Torre Ugarte, Daniel and Chad Hellwinckel. 2010. "The Problem is the Solution: the Role of Biofuels in the Transition to a Regenerative Agriculture." In N. Mascia, J. Scheffran, and J. M. Widholm, eds., *Biotechnology in Agriculture and Forestry: Volume 66 Plant Biotechnology for Sustainable Production of Energy and Co-products*. Springer, New York.
- Jalata, Asafa, and Harwood D. Schaffer. 2010. "Oromo National Political Leadership: Assessing the Past and Mapping the Future." In *Contending Nationalisms of Oromia and Ethiopia: Struggling for Statehood, Sovereignty, & Multinational Democracy*. Binghamton: Global Academic Press, pp. 151-174.
- Jalata, Asafa, and Harwood D. Schaffer. 2010. "The Amhara-Tigray State and Oppressor Nationalism: External Legitimacy, Authoritarianism, and State Terrorism." In *Contending Nationalisms of Oromia and Ethiopia: Struggling for Statehood, Sovereignty, & Multinational Democracy*. Binghamton: Global Academic Press, pp. 45-73.
- Jalata, Asafa and Harwood Schaffer. 2009. "Oromo National Political Leadership: Assessing the Past and Mapping the Future." In *Contending Nationalisms of Oromia and Ethiopia: Struggling for Statehood, Sovereignty and Multinational Democracy*. Binghamton: Global Academic Publishing of Binghamton University, State University of New York.
- Jalata, Asafa and Harwood Schaffer. 2009. "External Legitimacy, Authoritarianism, and State Terrorism: The Triple Enemies of Peace and Development in Ethiopia." In *Contending Nationalisms of Oromia and Ethiopia: Struggling for Statehood, Sovereignty and Multinational Democracy*. Binghamton: Global Academic Publishing of Binghamton University, State University of New York.
- Ray, Daryll E., and Harwood D. Schaffer. 2008. "Toward a Pro-Middle Farm Policy: What Will it Take to Ensure a Promising Future for Family Farming?" In T. Lyson, G.W. Stevenson, and R. Welsh, eds., *Food and the Mid-Level Farm*. Cambridge, MA: MIT Press.
- Ray, Daryll E. and Harwood D. Schaffer. 2007. "Toward a Pro-Middle Farm Policy: What Will It Take To Ensure A Promising Future for Family Farming?" In T. Lyson, G.W.

- Stevenson, and R. Welsh, eds., *Better Food Choices: Strategies for Renewing an Agriculture of the Middle and Transforming Its Supply Chains*.
- Tiller, Kelly, Blake Brown, and William Snell. 2006. "U.S. Tobacco Outlook." In *Economic and Market Outlook for U.S. Agriculture: 2007*.
- Ray, Daryll E. and Harwood D. Schaffer. 2006. "Toward a Pro-Middle Farm Policy: What Will It Take To Ensure A Promising Future for Family Farming?" In G.W. Stevenson, ed., *Farms in the Middle*.
- Ray, Daryll E. and Schaffer, Harwood D. 2006. "The Connection Between Changes in U.S. Farm Policy in the Mid-1990s and Depressed International Crop Prices." In Pinstrup-Anderson, et al., eds., *Effects of International Trade on the Developing Countries*.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller, eds. 2003. *Rethinking U.S. Agricultural Policy*. Agricultural Policy Analysis Center, The University of Tennessee, 2003. Reproduced: Tercera parte, Ingresos y Bienestar Social, p. 373-391. *Experiencias De Crisis Y Estrategias De Desarrollo, Autonomía Económica y Globalización*, Editors: Nadal, Alejandro, and Aguayo, Francisco, 2007.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller, eds., 2003. *Rethinking U.S. Agricultural Policy*. Agricultural Policy Analysis Center, The University of Tennessee. Reproduced: Executive Summary, p. 1-7, U.S. Prices Matter, p. 24-31., A Farmer-Oriented Policy Blueprint, p. 43-50, and Conclusions, p. 51, in *Nobiyuku Nogyo*, Editor: Oyama, Toshio, 2006.
- English, Burton, Jamey Menard, Daniel De La Torre Ugarte, and Marie Walsh. 2005. "Economic Impacts of Ethanol Production from Maize Stover in Selected Midwestern States." In J.L. Outlaw, K.J. Collins, and J.A. Duffield, eds., *Agriculture as a Producer and Consumer of Energy*. Cambridge, MA: CABI Publishing, pp. 218–231.
- Tiller, Kelly J., William M. Snell and A. Blake Brown. 2005. "U.S. Tobacco Outlook." Chapter in , published by AgFirst Farm Credit Bank, Columbia, SC. *Economic and Market Outlook for U.S. Agriculture: 2006*, published by AgFirst Farm Credit Bank, Columbia, SC.
- De La Torre Ugarte, Daniel, Daryll E. Ray, and Kelly J. Tiller. 1998. "Using the POLYSYS Modeling Framework to Evaluate Environmental Impacts in Agriculture." In T. Robertson, B. English, and R. Alexander, eds. *Evaluating Natural Resource Use in Agriculture*. Ames, Iowa: Iowa State University Press, pp. 151–172.
- Ray, Daryll E. and Roy Frederick. 1994. "Economic Setting for Food and U.S. Agriculture." In M. Hallberg, R. Spitze, and D. Ray, eds. *Food Agriculture and World Policy Into the Twenty-First Century: Issues and Trade-Offs*. Colorado: Westview Press, pp.3-24.
- Roberts, Roland K., Daryll E. Ray, Donald O. Mitchell, and Raymond Joe Schatzer. 1994. "Agriculture Sector Simulation Modeling." In J. Langley, G. Vocke, and L. Whiting, eds. *Earl O. Heady: His Impact on Agricultural Economics*. Iowa State University Press, pp. 29-51.
- Ray, Daryll E. 1993. "Policy Evaluations with POLYSIM: Reduced Target Prices and Unilateral Free Trade." In C. Taylor, S. Johnson, and K. Reichelderfer, eds. *Agricultural*

Sector Models for the United States: Descriptions and Selected Policy Applications. Iowa State University Press, pp. 186-196.

Ray, Daryll E. 1993. "POLYSIM: A National Agricultural Policy Simulator." In C. Taylor, S. Johnson, and K. Reichelderfer, eds. *Agricultural Sector Models for the United States: Descriptions and Selected Policy Applications*. Iowa State University Press, pp.11-30.

Ray, Daryll E. 1993. "Economic Simulation Modeling at CARD." In J. Langley, ed. *Contributions of Earl O. Heady to Agricultural Economics*. Ames, IA: Iowa State University Press.

4. Contributions to Edited Volumes

Schaffer, Harwood, Chad Hellwinckel, Daryll Ray, and Daniel De La Torre Ugarte. 2012. "An Analysis of a Market-Driven Inventory System." *Grain Reserves and the Food Price Crisis*, Selected Writings from 2008-2012, Institute for Agriculture and Trade Policy, June.

Perlack, Robert, Bryce Stokes, Chad Hellwinckel, and Daniel De La Torre Ugarte. 2011. "U.S. Billion-Ton Update: Biomass Supply for a Bioenergy and Bioproducts Industry." U.S. Department of Energy, U.S. Billion-Ton Update: Biomass Supply for a Bioenergy and Bioproducts Industry. R.D. Perlack and B.J. Stokes (Leads), ORNL/TM-2011/224. Oak Ridge National Laboratory, Oak Ridge, TN, pp. 227.

De La Torre Ugarte, Daniel and Chad Hellwinckel. 2010. "Peak Oil and the Necessity of Transitioning to Regenerative Agriculture." In *The Road to Rio + 20: For a Development-led Green Economy*, UNCTAD, Geneva, Switzerland, pp. 46-51.

Hellwinckel, Chad and Daniel De La Torre Ugarte. 2009. "Peak Oil the the Necessity of Transitioning to Regenerative Agriculture." Winning Entries of the Farm Foundation's 30-Year Challenge Policy Competition. 6 October.
<http://www.farmfoundation.biz/news/articlefiles/1718-Hellwinckel%20and%20De%20La%20Torre%20Ugarte.pdf>

De La Torre Ugarte, Daniel. 2009. "Biodiesel: The Potential Role of Jatropha." *The Biofuels Market: Current Situation and Alternatives Scenarios*. United Nations Conference on Trade and Development, UNCTAD/DITC/BCC/2009/1, United Nations, Geneva and New York.

De La Torre Ugarte, Daniel. 2009. "The Role and Implications of Biofuels Blending Targets." *The Biofuels Market: Current Situation and Alternatives Scenarios*. United Nations Conference on Trade and Development, UNCTAD/DITC/BCC/2009/1, United Nations, Geneva and New York.

De La Torre Ugarte, Daniel. 2009. "Trade Opportunities for Developing Countries." *The Biofuels Market: Current Situation and Alternatives Scenarios*. United Nations Conference on Trade and Development, UNCTAD/DITC/BCC/2009/1, United Nations, Geneva and New York.

Schaffer, Harwood D. 2008. "The Corn Economy," In G. Goreham, ed. *Encyclopedia of Rural America*. 2nd Edition. Millerton, NY: Gray, pp. 208-210.

- Tiller, Kelly J., A. Blake Brown and William M. Snell. 2007. "Tobacco Policy." In J. Outlaw and S. Klose, eds. *2007 Farm Bill: Policy Options and Consequences*. Oak Brook, IL: Farm Foundation.
- De La Torre Ugarte, Daniel. 2007. "The Contributions and Challenges of Supply Management in a New Institutional Agricultural Trade Framework." In W. Sachs, T. Santarius, eds. *EcoFair Trade Dialogue*. Heinrich Boll Foundation, Misereor, and Wuppertal Institute for Climate, Environment and Energy, Discussion Paper No. 6, March.
- De La Torre Ugarte, Daniel, Daryll E. Ray, and Kelly J. Tiller. 2006. "Una Reconsideración de la Política Agrícola de Estados Unidos: cambio de rumbo para asegurar el susteno de los agricultores a nivel mundial." In A. Nadal and F. Aguayo, eds. *Experiencias de Crisis y Estrategias de Desarrollo: Autonomía Económica y Globalización*. Mexico City: El Colegio de México, Programa de Ciencia, Tecnología y Desarrollo. pp. 373-391. **Translation:** "A Reconsideration of the U.S. Agricultural Policy: Changing course to ensure susteno farmers worldwide." In Alejandro Nadal and Francisco Aguayo, eds, *Crisis Experiences and Development Strategies. Autonomy and Economic Globalization*. Mexico City: El Colegio de Mexico, Program on Science, Technology and Development. pp. 373-391.
- Tiller, Kelly J. 2002. "Tobacco Production in Tennessee: An Economic Perspective." In P. Hunter, ed. *2002 Burley Tobacco Production Guide*. Research Publication W019, Tennessee Agricultural Extension Service, The University of Tennessee, Knoxville, TN, pp. 1-11.
- Tiller, Kelly J. 2001. "Tobacco Production in Tennessee: The Economic and Political Setting." In D. Fowlkes, ed. *2001 Burley Tobacco Production Guide*. Research Publication PB 1657, Tennessee Agricultural Extension Service, The University of Tennessee, Knoxville, TN, pp. 3-9.
- Ray, Daryll E. 2001. "An Examination of Potential Production Price and Income Trends under Current Policies." In L. Polopolus and C. Fountain, eds. *Food and Agricultural Policies*. University of Florida, p. 55-77.
- Ray, Daryll E. 2001. "The Economic Climate for the Farm Bill Debate." In J. Schnittker and N. Harl, eds. *Fixing the Farm Bill Policy*. Iowa State University, pp. 9-21.
- Tiller, Kelly J. 2000. "Tobacco Production in Tennessee: An Economic Perspective." In D. Fowlkes, ed. *2000 Burley Tobacco Production Guide*, Research Publication PB 1578, Tennessee Agricultural Extension Service, The University of Tennessee, Knoxville, TN, pp. 4-9.
- Hallberg, M., Robert Spitze, and Daryll E. Ray, eds. 1994. *Food Agriculture and World Policy Into the Twenty-First Century: Issues and Trade-Offs*, Colorado: Westview Press.
- Ray, Daryll E., Burton English, Richard L. White, Robert Pendergrass, and Mahadev Bhat. 1992. "Economic Impacts of Sustainability on Southern Agriculture." In L.A. Johnson, ed. *Sustainable Agriculture: Enhancing the Environmental Quality of the Tennessee Valley Region Through Alternative Farming Practices*, pp. 51-67.

5. Academic Seminars and Presentations

- Ray, Daryll E. and Harwood Schaffer. 2013. "US Export Expectations, Livestock Issues and Other Topics." Kentucky Agricultural Leadership Program, Lexington, KY. 11 December.
- Ray, Daryll E. and Harwood Schaffer. 2013. "The Evolution of US Agricultural Policy." Kentucky Agricultural Leadership Program, Lexington, KY. 11 December.
- Ray, Daryll E. 2011. "U.S. Agricultural Policies and Their Influence on Obesity." Farm and Food Policy and Obesity, Institute of Medicine, Washington, D.C., 19 April.
- Hellwinckel, Chad M. 2011. "Local Food: Critiquing industrialized food production and exploring local food choices." Bi-annual panel of the Sociological Graduate School Association, McClung Auditorium, University of Tennessee, Knoxville, TN, 19 April.
- Ray, Daryll E. 2010. "The Evolution of U.S. Agricultural Policy." Kentucky Agricultural Leadership Program, Lexington, KY, 14 December.
- De La Torre Ugarte, Daniel, and Burton English. 2010. "Implications of Climate and Energy Legislation in Agriculture: What about The Livestock Sector?" Agriculture Clean Energy Dialogue, Governor Calvert House, Annapolis, MD, 25 May.
- De La Torre Ugarte, Daniel and Chad Hellwinckel. 2010. "Economics of Sequestering Carbon in the U.S. Agriculture." North Dakota State University, Center for Agricultural Policy and Trade Studies, 2010 National Conference. Alternative Policies on Climate Changes and their Implications on the U.S. Agricultural Economy, Fargo, ND, 24 May.
- De La Torre Ugarte, Daniel, Chad Hellwinckel, Burton English, Tristram West, Kim Jensen, Jamey Menard, and Chris Clark. 2010. "Analysis of the Implications of Climate and Energy Legislation to the Agricultural Sector." Climate Change and Its Impact on Food Production and Biofuels, Iowa State University, Scheman Building, Iowa State Center, Ames, IA, 2 March .
- De La Torre Ugarte, Daniel. 2009. "The Food vs. Fuel Dilemma: Challenge or Opportunity, Food For Thought." Alumni Summer College 2009, Knoxville, TN, 15-19 July.
- English, Burton, Kim Jensen, Jamey Menard, and Daniel De La Torre Ugarte. 2009. "Projected Impacts of Proposed Federal Renewable Portfolio Standards on the Colorado Economy." EAG (Bio-based Energy Analysis Group) Report to the BiPartisan Policy Center.
- Wilson, Brad, Burton English, and Daniel De La Torre Ugarte. 2009. "The State and Status of Bioflame, Forest Products Center Seminar."
- Ray, Daryll E. 2009. "Building the Good Food "ToolKit," - Healthy." Food Systems and Public Health Conference, Arlie Center, Warrenton, VA, 2 April.
- English, Burton and Daniel De La Tore Ugarte. 2009. "Can a Case be Made for Biofuel Sustainability?" Presented at Florida International University, Agroecology Symposium on Sustainability, 23 February.
- De La Torre Ugarte, Daniel. 2009. "Can Biofuels be Sustainable in an Unsustainable Agriculture?" Department of Plant Sciences Seminar, University of Tennessee, Knoxville, TN, 9 February.

- De La Torre Ugarte, Daniel, Lixia Lambert, Burton English, and Brad Wilson. 2008. "Challenges of Integrating Biophysical Information into Agricultural Sector Models." Presented at the Linking Biophysical and Economic Models of Biofuel Production and Environmental Impacts Conference, Gleacher Center, Chicago, IL. 13-14 November.
- Tiller, Kelly, Thom Mason, Mike Vandenberg, and Richard Driggans. 2008. "Belmont University Presidential Debate '08: Energy Policy Panel." Belmont University, Nashville, TN, 3 October.
- Tiller, Kelly, David Millhorn and Timothy Rials. 2008. "An Overview of the UT Biofuels Initiative and R&D Programs." Seminar presented at the University of Georgia, Complex Carbohydrate Research Center, Athens, GA, 27 May.
- Tiller, Kelly. 2008. "The University of Tennessee Biofuels Initiative: From Grow to Go." Seminar presented to the Microbiology Department, Washington University, St. Louis, MO, 15 May.
- Tiller, Kelly. 2008. "The University of Tennessee Biofuels Initiative: From Grow to Go." Seminar presented at the Danforth Plant Science Center, St. Louis, MO, 15 May.
- Tiller, Kelly. 2008. "The University of Tennessee Biofuels Initiative: From Grow to Go." Seminar presented to the Agriculture and Biosystems Engineering Department, University of Missouri, Columbia, MO, 14 May.
- De La Torre Ugarte, Daniel. 2008. "Biofuels, Food Security and Environmental Sustainability: Global Challenges and Opportunities." Presented at Sun Grant Initiative Brown Bag Seminar Series, Knoxville, TN, 25 April.
- Tiller, Kelly. 2008. "UT Biofuels Initiative: From Grow to Go." Invited presentation, Joint Institute for Biological Sciences, University of Tennessee and Oak Ridge National Laboratory, University of Tennessee, Knoxville, TN, 7 April.
- English, Burton, Daniel De La Torre Ugarte, and Jamey Menard. 2008. "An Evaluation of Impacts that Might Occur as the Role of Biofuels in America Expands." Transition to a Bioeconomy, Farm Foundation, Atlanta, GA, February.
- De La Torre Ugarte, Daniel. 2007. "Opportunities and Challenges of Biofuels for Agriculture and Food Security of Developing Countries." Department of Agricultural Economics Oklahoma State University, Stillwater, OK, 19 April.
- Ray, Daryll E. 2007. "Farm Policy's Historical Roots and Modern Influences." Kentucky Agricultural Leadership Program, Seminar 3, Sponsored by the University of Kentucky, College of Agriculture, Louisville, KY, 13 March.
- De La Torre Ugarte, Daniel. 2007. "Opportunities and Challenges of Expanding Agriculture's Contribution to the Energy Supply." Colloquium, Department of Geography, University of Tennessee, Knoxville, TN, 25 January.
- Tiller, Kelly J. 2006. "The Future of Bioenergy in Tennessee: Opportunities and Directions." Seminar presented to the Department of Plant and Soil Science, University of Tennessee, Knoxville, TN, 27 November.
- Ray, Daryll E. 2006. "Agricultural Policy in a Changing World." Phi Kappa Phi Initiation Banquet, University of Tennessee, Knoxville, TN, 14 November.

- De La Torre Ugarte, Daniel. 2006. "Potential of Feedstock Energy Production in the Agricultural Sector." Applied Physics Laboratory/John Hopkins University, Energy Study, Laurel, MD, 5 October.
- De La Torre Ugarte, Daniel. 2006. "Economic Impacts of Bioenergy Production in the Agricultural Sector." Energy Modeling Forum, sponsored by Stanford University, Snowmass, CO, 2 August.
- De La Torre Ugarte, Daniel. 2006. "Impacts of Ethanol Expansion on Agriculture." Biopolymers Strategy Meeting: Criteria and Markets for Sustainability, Workshop organized by Lowell Center for Sustainable Production, University of Massachusetts-Lowell, Minneapolis, MN, 6-7 April.
- Ray, Daryll E. and Harwood Schaffer. 2004. "*Policy Perspectives.*" New Perspectives on Food Security Conference, Airlie Conference Center, Warrenton, VA, 13 November.
- Ray, Daryll E. 2004. "US Farm Policy Can't Go On Like This...Can it?" Colorado State University, Fort Collins, CO, 11 November.
- Ray, Daryll E. 2004. "Agricultural Policy Issues." Department of Agricultural Economics Seminar. Oklahoma State University, Stillwater, OK, 2 July.
- Tiller, Kelly J. 2004. "Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." Invited lecture and discussion, Department of Agricultural Economics, Cal Poly State University, San Luis Obispo, CA, 30 April.
- Ray, Daryll E. 2004. "Has U.S. Farm Policy Helped Farmers Here Or Anywhere Else in the World?" University-wide Seminar. Colorado State University, Fort Collins, CO, 18 February.
- Ray, Daryll E. 2003. "Will the Elimination of Subsidies Cure Low Crop Prices?" Phillip Morris Ag. Leadership Program, Louisville, KY, 17 December.
- Ray, Daryll E. 2003. "Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." University of Tennessee, Institute of Agriculture Development Foundation. Knoxville, TN, 11 November.
- Ray, Daryll E. 2003. "Rethinking U.S. Agricultural Policy: Changing Course to Secure Farmer Livelihoods Worldwide." Agricultural Economics Departmental Seminar Series, Knoxville, TN, 26 September.
- Ray, Daryll E. 2003. "Evil in Public Policy?" American Agricultural Economics Association and the Rural Sociological Society 2003 Annual Meetings, Montreal, Quebec, Canada, 28 July.
- Ray, Daryll E. 2002. "Impacts of Bioterrorism on the U.S. Agricultural Sector and Exports." Presented at the CAPTS Bioterrorism Conference, Bioterrorism and Food Security: Issues and Challenges, Fargo, ND, 29 October.
- English, Burton, Jamey Menard, Daniel De La Torre Ugarte, and Marie Walsh. 2002. "Estimated Regional Economic Impacts for Converting Corn Stover to Ethanol Production." A presentation at the 2002 National IMPLAN User's Conference, New Orleans, LA, 4-6 September.

- De La Torre Ugarte, Daniel and Daryll E. Ray. 2001. "Impacts of a Paid Land Diversion Program." Presented at the workshop on Exploring Alternatives for Integrated Modeling of Farm Policy Options, a workshop hosted by Purdue University, Next Generation of Farm Policy Initiative, in conjunction with the Economic Research Service and The University of Tennessee, supported by the Farm Foundation. West Lafayette, 1 March.
- De La Torre Ugarte, Daniel and Daryll E. Ray. 2001. "Stochastic Analysis of a Farmer Own Reserve Program." Presented at the workshop on Exploring Alternatives for Integrated Modeling of Farm Policy Options, a workshop hosted by Purdue University, Next Generation of Farm Policy Initiative, in conjunction with the Economic Research Service and The University of Tennessee, supported by the Farm Foundation. West Lafayette, 1 March.
- Tiller, Kelly J. 2001. "Contracting in U.S. Agriculture and U.S. Tobacco." Invited presentation, Philip Morris Agricultural Leadership Development Program, Lexington, KY, 10 January.
- De La Torre Ugarte, Daniel. 2000. "Potential Changes in Agricultural Land Use Triggered by Growing Bioenergy Dedicated Crops." Presented at Bioenergy 2000: Moving Technology to the Market Place conference, Buffalo, NY, 15-19 October.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller. 2000. "Preliminary Analysis of a Storage Farm Program." Presented at the workshop on Exploring Alternatives for Integrated Modeling of Farm Policy Options, Economic Research Service Next Generation of Farm Policy Initiative, in conjunction with Purdue University and The University of Tennessee, supported by the Farm Foundation. Washington, D.C., 15 June.
- Ray, Daryll E., Daniel De La Torre Ugarte, and Kelly Tiller. 2000. "APAC Modeling Capability." Purdue University, West Lafayette, IN, 23 February.
- De La Torre Ugarte, Daniel. 1999. "A Free Market Agriculture: Pros and Cons." Guest lecture, Central Asian Program on Agricultural Policy, The University of Tennessee, Knoxville, TN, 20 October.
- De La Torre Ugarte, Daniel. 1999. "The Role of Technology in Agricultural Development." Guest lecture, Central Asian Program on Agricultural Policy, The University of Tennessee, Knoxville, TN, 20 October.
- De La Torre Ugarte, Daniel. 1999. "Predicting U.S. Crop Impacts of The 1997-98 El Niño Event Using an Stochastic Simulation Model." Seminar presented to the Department of Agricultural and Applied Economics, Texas Tech University, Lubbock, TX, 26 August.
- Tiller, Kelly J. 1999. "Untangling the Tobacco Policy Web." Seminar presented to the Department of Agricultural Economics and Rural Sociology, University of Tennessee, Knoxville, TN, 8 March.
- Ray, Daryll E. 1998. "Commodity Prices: Higher and More Stable or Lower and More Unstable?" The 1998 Crop Research and Recommendation Meeting, Institute of Agriculture, University of Tennessee, Knoxville, TN, 2 December.

- Ray, Daryll E. 1998. "1996 FAIR Act: Questionable Premises Leading to Unrealistic Expectations?" Department of Agricultural Economics and Rural Sociology, University of Tennessee, Knoxville, TN, 9 October.
- De La Torre Ugarte, Daniel and Stephen Slinsky. 1998. "Agricultural Policy Analysis Center Agricultural Financial Impact and Risk Simulation for Tennessee." Presented to the University of Tennessee Agricultural Extension Service, Knoxville, TN, 9 June.
- Tiller, Kelly J. 1998. "Input Sector Implications of Sustainable Agriculture: A Carrot vs. Stick Comparison." Seminar presented at the University of Tennessee, Knoxville, TN, April.
- De La Torre Ugarte, Daniel. 1998. "Predicting U.S. Crop Impacts of the 1997-98 El Niño Event." Seminar presented to the Department of Agricultural Economics and Rural Sociology, University of Tennessee, Knoxville, TN, 4 April.
- Ray, Daryll E. 1998. "An Overview of the POLYSYS Modeling Framework." The Risk Management Agency Research Committee Meeting, Lexington, KY, 24-25 March.
- Ray, Daryll E. 1998. "Baseline Review Comments and Wrap-up." Food and Agriculture Policy Research Institute Baseline Review, Kansas City, MO, 8 January.
- Ray, Daryll E. and Daniel De La Torre Ugarte. 1997. "An Overview of the POLYSYS Modeling Framework." The IEA Workshop on Bioenergy Modeling, Knoxville, TN, 9 April.
- Ray, Daryll E. 1996. "The CRP and the 1995 Farm Bill." The NC-214 1996 Annual Meeting (Conservation Reserve Committee), Kansas City, MO, 11 April.
- Ray, Daryll E. 1996. "U.S. Farm Income and Government Costs Response." 1996 FAPRI Baseline Review, Kansas City, MO, 11-12 January.
- Ray, Daryll E., and Daniel De La Torre Ugarte. 1995. "The 1995 Farm Bill: Impacts on U.S. and Tennessee Agriculture." Presented at the 1995 Crop Research and Recommendation Meetings, Knoxville, TN, 6 December.
- Ray, Daryll E. and Daniel De La Torre Ugarte. 1995. "Recent Developments in the Study of Sustainable Agriculture in the Southeastern Region." Presented at the ACE Cooperator Roundtable & Symposium, Indianapolis, IN, 7-9 August.
- Ray, Daryll E. and Daniel De La Torre Ugarte. 1995. "Recent Developments in the Study of Sustainable Agriculture in the Southeastern Region." The ACE Cooperator Roundtable and Symposium, Indianapolis, IN, 7-9 August.
- Ray, Daryll E. 1994. "What Does the Future Hold for Agricultural Enterprises?" Joint Extension/Research Conference, The University of Tennessee, Knoxville, TN, 9 December.
- Ray, Daryll E. 1992. "Agricultural Policy Analysis: Issues and Methodology." The Department of Economics, The University of Tennessee, Knoxville, TN, 13 April.

6. Special Lectures/Honor Presentations

- Ray, Daryll E. 2010. "Food Demand and Population Growth: Can Agriculture Keep Up?" Daryl F. Kraft Lecture, University of Manitoba, Winnipeg, Canada, 23 February.

- Tiller, Kelly J. 2008. "UT Biofuels Initiative: Bioenergy Science in Action." Vaughn Science Lecture, Belmont University, Nashville, TN, 10 October.
- Tiller, Kelly J. 2007. "The Biobased Economy: Implications for Land Grant Universities." Invited lecture and discussion, Food Systems Leadership Institute, Ohio State University, Columbus, OH, 21 February.
- Ray, Daryll E. 2005. "Getting Beyond the Failed Farm Policy of the Present." Freeman Lecture, University of Minnesota's Humphrey Institute, Minneapolis, MN, 9 December.
- Ray, Daryll E. 2004. "Agricultural Policy for the Twenty-First Century and the Legacy of the Wallaces." John Pesek Colloquium on Sustainable Agriculture, Iowa State University, Ames, IA, 3 March.

Courses and Graduate Committees

1991-2014

	Page
Table 7. Faculty and Staff Courses Taught and Guest Lectures, 1991-2014	192
Courses Taught, 1991-2014	193
Guest Lectures, 1991-2014	194
Table 8. APAC Graduate Student Advising	196
Theses and Dissertations Directed, 1991-2014	197

Table 7. APAC Faculty and Staff Courses Taught and Guest Lectures, 1991-2014

Dept. Name	Course Number	Course Name	Credit Hours	Years Taught	Total Number of Students
Courses Taught					
AGEC/AREC	420	Agricultural International Trade and Marketing	3	5	60
AGEC/AREC	430	Agricultural Policy	3	10	173
AGEC/AREC	525	Agribusiness Operations Research Methods	3	4	56
AGEC/AREC	530	Agricultural Policy Analysis	3	20	200
AGEC/AREC	593	Globalization and Agricultural Policy Issues	3	2	8
Courses Guest Lectured					
AG-CASNR	101	Perspectives in Agriculture	3	10	
AGEC/AREC	201	Economics of the Global Food and Fiber System	3	1	
CASNR	317	Agriculture and Natural Resources Honors Seminar	3	3	
ANR	330	Agricultural Biotechnology	3	3	
ANR	333	Food Forests and the Environment	3	2	
AGEC/AREC	430	Agricultural Policy	3	6	
AGEC/AREC	470	Natural Resource Economics	3	4	
AGEC/AREC	530	Agricultural Policy Analysis	3	6	
AFST	421	Comp St: Afr.Amer Society	3	2	
AFST	480	Afr-American Comm/Urban Amer	3	1	

Courses Taught 1991-2014

UT Dept Code	Semesters Taught	Course Number	Semester	Year	Credit hours	Title	Instructor	Role-Total/Guest	Number of Students
AREC	1	420	Sp	2011	3	Agricultural International Trade and Marketing	Daniel De La Torre Ugarte	Instructor	8
AGEC	1	420	Sp	2010	3	Agricultural International Trade and Marketing	Daniel De La Torre Ugarte	Instructor	14
AGEC	1	420	Sp	2009	3	Agricultural International Trade and Marketing	Daniel De La Torre Ugarte	Instructor	18
AGEC	1	420	Fa	2008	3	Agricultural International Trade and Marketing	Daniel De La Torre Ugarte	Instructor	12
AGEC	1	420	Fa	2007	3	Agricultural International Trade and Marketing	Daniel De La Torre Ugarte	Instructor	8
Semesters Taught	5						Total Students		60
AGEC	1	430	Fa	2009	3	Food and Agricultural Policy	Daryll Ray	Instructor	11
AGEC	1	430	Fa	2005	3	Food and Agricultural Policy	Kelly Tiller	Instructor	14
AGEC	1	430	Fa	2004	3	Food and Agricultural Policy	Kelly Tiller	Instructor	16
AGEC	1	430	Sp	2003	3	Food and Agricultural Policy	Daryll Ray	Instructor	22
AGEC	1	430	Sp	2001	3	Food and Agricultural Policy	Daryll Ray	Instructor	16
AGEC	1	430	Sp	2000	3	Food and Agricultural Policy	Daryll Ray	Instructor	19
AGEC	1	430	Sp	1999	3	Food and Agricultural Policy	Daryll Ray	Instructor	13
AGEC	1	430	Sp	1998	3	Food and Agricultural Policy	Daryll Ray	Instructor	21
AGEC	1	430	Sp	1997	3	Food and Agricultural Policy	Daryll Ray	Instructor	23
AGEC	1	430	Sp	1996	3	Food and Agricultural Policy	Daryll Ray	Instructor	18
Semesters Taught	10						Total Students		173
AGEC	1	525	Sp	2006	3	Agribusiness Operations Research Methods	Daniel De La Torre Ugarte	Instructor	14
AGEC	1	525	Sp	2005	3	Agribusiness Operations Research Methods	Daniel De La Torre Ugarte	Instructor	14
AGEC	1	525	Sp	2004	3	Agribusiness Operations Research Methods	Daniel De La Torre Ugarte	Instructor	14
AGEC	1	525	Sp	2003	3	Agribusiness Operations Research Methods	Daniel De La Torre Ugarte	Instructor	14
Semesters Taught	4						Total Students		56
AREC	1	530	Fa	2014	3	Agricultural Policy Analysis	Daryll Ray	Instructor	10
AREC	1	530	Fa	2013	3	Agricultural Policy Analysis	Daryll Ray	Instructor	5
AREC	1	530	Fa	2012	3	Agricultural Policy Analysis	Daryll Ray	Instructor	10
AREC	1	530	Fa	2011	3	Agricultural Policy Analysis	Daryll Ray	Instructor	7
AGEC	1	530	Fa	2010	3	Agricultural Policy Analysis	Daryll Ray	Instructor	14
AGEC	1	530	Fa	2008	3	Agricultural Policy Analysis	Daryll Ray	Instructor	14
AGEC	1	530	Fa	2007	3	Agricultural Policy Analysis	Daryll Ray	Instructor	6
AGEC	1	530	Fa	2006	3	Agricultural Policy Analysis	Daryll Ray	Instructor	10
AGEC	1	530	Fa	2005	3	Agricultural Policy Analysis	Daryll Ray	Instructor	7
AGEC	1	530	Fa	2005	3	Agricultural Policy Analysis	Daryll Ray	Instructor	10
AGEC	1	530	Fa	2004	3	Agricultural Policy Analysis	Daryll Ray	Instructor	17
AGEC	1	530	Fa	2003	3	Agricultural Policy Analysis	Daryll Ray	Instructor	11
AGEC	1	530	Fa	2002	3	Agricultural Policy Analysis	Daryll Ray	Instructor	6
AGEC	1	530	Fa	2001	3	Agricultural Policy Analysis	Daryll Ray	Instructor	5
AGEC	1	530	Fa	2000	3	Agricultural Policy Analysis	Daryll Ray	Instructor	6
AGEC	1	530	Fa	1999	3	Agricultural Policy Analysis	Daryll Ray	Instructor	11
AGEC	1	530	Fa	1998	3	Agricultural Policy Analysis	Daryll Ray	Instructor	7
AGEC	1	530	Fa	1997	3	Agricultural Policy Analysis	Daryll Ray	Instructor	12
AGEC	1	530	Fa	1996	3	Agricultural Policy Analysis	Daryll Ray	Instructor	16
AGEC	1	530	Fa	1995	3	Agricultural Policy Analysis	Daryll Ray	Instructor	16
Semesters Taught	20						Total Students		200
AGEC	1	593	Sp	2003	3	Globalization and Agricultural Policy Issues	Daryll Ray	Instructor	7
AGEC	1	593	Fa	2003	3	Independent Study	Daryll Ray	Instructor	1
Semesters Taught	2						Total Students		8

Guest Lectures 1991-2014

Campus	UT Dept Code	Semesters Taught	Course Number	Semester	Year	Credit hours	Title	Instructor	Role-Total/Guest	Number of Students	Times/semester
UT Knoxville	AG-CASNR	1	101	Sp	2001	3	Perspectives in Agriculture	Daryll Ray	Guest Lecturer	80	2
UT Knoxville	AG-CASNR	1	101	Fa	2001	3	Perspectives in Agriculture	Daryll Ray	Guest Lecturer	120	2
UT Knoxville	AG-CASNR	1	101	Sp	2000	3	Perspectives in Agriculture	Daryll Ray	Guest Lecturer	80	2
UT Knoxville	AG-CASNR	1	101	Fa	2000	3	Perspectives in Agriculture	Daryll Ray	Guest Lecturer	120	2
UT Knoxville	AG-CASNR	1	101	Sp	1998	3	Perspectives in Agriculture	Daryll Ray	Guest Lecturer	80	2
UT Knoxville	AG-CASNR	1	101	Fa	1998	3	Perspectives in Agriculture	Daryll Ray	Guest Lecturer	120	2
UT Knoxville	AG-CASNR	1	101	Sp	1997	3	Perspectives in Agriculture	Daryll Ray	Guest Lecturer	80	2
UT Knoxville	AG-CASNR	1	101	Fa	1997	3	Perspectives in Agriculture	Daryll Ray	Guest Lecturer	120	2
UT Knoxville	AG-CASNR	1	101	Sp	1996	3	Perspectives in Agriculture	Daryll Ray	Guest Lecturer	80	2
UT Knoxville	AG-CASNR	1	101	Fa	1996	3	Perspectives in Agriculture	Daryll Ray	Guest Lecturer	120	2
Total Semesters Taught		10								1000	
UT Knoxville	AGEC	1	201	Sp	2010	3	Economics of the Global Food and Fiber System	Daryll Ray	Guest Lecturer	42	3
Total Semesters Taught		1									
UT Knoxville	CASNR	1	317	Sp	2008	3	Agriculture and Natural Resources Honors Seminar	Daryll Ray	Guest Lecturer		
UT Knoxville	CASNR	1	317	Sp	2007	3	Agriculture and Natural Resources Honors Seminar	Daryll Ray	Guest Lecturer	15	
UT Knoxville	CASNR	1	317	Sp	2005	3	Agriculture and Natural Resources Honors Seminar	Daryll Ray	Guest Lecturer	18	
Total Semesters Taught		3									
UT Knoxville	AGEC	1	330	Sp	2008	3	Agricultural Biotechnology	Kelly Tiller	Guest Lecturer		2
UT Knoxville	AGEC	1	330	Sp	2007	3	Agricultural Biotechnology	Kelly Tiller	Guest Lecturer		
UT Knoxville	AGEC	1	330	Sp	2006	3	Agricultural Biotechnology	Kelly Tiller	Guest Lecturer		
Total Semesters Taught		3									
UT Knoxville	ANR	1	333	Sp	2004		Food, Forests and the Environment	Kelly Tiller	Guest Lecturer		2
UT Knoxville	ANR	1	333	Sp	2003	3	Food, Forests and the Environment	Kelly Tiller	Guest Lecturer		
Total Semesters Taught		2									
UT Knoxville	AGEC	1	430	Fa	2009	3	Food and Agricultural Policy	Daniel De La Torre Ugarte	Guest Lecturer	11	
UT Knoxville	AGEC	1	430	Fa	2005	3	Food and Agricultural Policy	Daryll Ray	Guest Lecturer	16	8
UT Knoxville	AGEC	1	430	Fa	2005	3	Food and Agricultural Policy	Daniel De La Torre Ugarte	Guest Lecturer	14	
UT Knoxville	AGEC	1	430	Fa	2004	3	Food and Agricultural Policy	Daniel De La Torre Ugarte	Guest Lecturer	14	
UT Knoxville	AGEC	1	430	Fa	2004	3	Food and Agricultural Policy	Daryll Ray	Guest Lecturer	16	8
UT Knoxville	AREC	1	430	Fa	2013	3	Food and Agricultural Policy	Harwood Schaffer	Guest Lecturer	9	2
Total Semesters Taught		6								80	
UT Knoxville	AGEC	1	470	Sp	2003	3	Natural Resource Economics	Kelly Tiller	Guest Lecturer		
UT Knoxville	AGEC	1	470	Sp	2001	3	Natural Resource Economics	Kelly Tiller	Guest Lecturer		
UT Knoxville	AGEC	1	470	Sp	2000	3	Natural Resource Economics	Kelly Tiller	Guest Lecturer		2
UT Knoxville	AGEC	1	470	Sp	1999	3	Natural Resource Economics	Kelly Tiller	Guest Lecturer		2
Total Semesters Taught		4									
UT Knoxville	AREC	1	530	Fa	2013	3	Agricultural Policy Analysis	Harwood Schaffer	Guest Lecturer		
UT Knoxville	AREC	1	530	Fa	2012	3	Agricultural Policy Analysis	Harwood Schaffer	Guest Lecturer		
UT Knoxville	AGEC	1	530	Fa	2010	3	Agricultural Policy Analysis	Harwood Schaffer	Guest Lecturer		
UT Knoxville	AGEC	1	530	Fa	2005	3	Agricultural Policy Analysis	Kelly Tiller	Guest Lecturer		2
UT Knoxville	AGEC	1	530	Fa	2004	3	Agricultural Policy Analysis	Kelly Tiller	Guest Lecturer		4
UT Knoxville	AGEC	1	530	Fa	2003	3	Agricultural Policy Analysis	Kelly Tiller	Guest Lecturer		
Total Semesters Taught		6									
UT Knoxville	PlantSci	1		Sp	2008		Biofuels Journal Club	Kelly Tiller	Guest Lecturer		
Total Semesters Taught		1									

Guest Lectures 1991-2014

Campus	UT Dept Code	Semesters Taught	Course Number	Semester	Year	Credit hours	Title	Instructor	Role-Total/Guest	Number of Students	Times/semester
UT Knoxville	AFST	1	480	Sp	2013	3	Afr-American Comm/Urban Amer	Harwood Schaffer	Guest Lecturer		
UT Knoxville	AFST	1	480	Fa	2012	3	Afr-American Comm/Urban Amer	Harwood Schaffer	Guest Lecturer		
Semesters Taught		2									
UT Knoxville	AFST	1	421	Fa	2010	3	Comp St: Afr.Amer Society	Harwood Schaffer	Guest Lecturer		
Semesters Taught		5									

Additional Courses Taught

UT Memphis	HAS	825	3	Fa	2005		Health Policy and Pharmacoeconomics	Kelly Tiller	Guest Lecturer		
UT Memphis	HAS	825	3	Fa	2007		Health Policy and Pharmacoeconomics	Kelly Tiller	Guest Lecturer		
UT Martin	Tennessee Governor's School			Su	2005		Agricultural Policy in an Integrated Global Market	Kelly Tiller	Coordinator, Team Teacher		29
UT Martin	Tennessee Governor's School			Su	2005		Agricultural Policy in an Integrated Global Market	Daniel De La Torre Ugarte	Team Teacher		29

Table 8. APAC Graduate Student Advising, 1991-2014

Degree	Number of Students	Number of Students Served as Major Professor	Number of Students Served as Committee Member
PhD	5	1	4
MS - Thesis	25	16	16
MS - Non-Thesis	3	3	

Theses and Dissertations Directed 1991-2014

Student Last Name	Student First Name	Degree	Degree Title	Year	Thesis / Dissertation Title	Major Professor	Professor - Committee Member
Master of Science							
Khaliukova	Olga	M.S.	Agricultural Economics	2013	Demand Analysis for Tomato, Onion, Peppers, and Fresh Okra in Nigeria	Harwood Schaffer	Daniel De La Torre Ugarte, Daryll Ray
McNair	William	M.S.	Agricultural and Resource Economics	2013	Assessing the Influence of Conservation Agriculture On Household Wellbeing and Maize Marketing in Tate and Maniac Mozambique	Daniel De La Torre Ugarte	
Hale	Daniel	M.S.	Agricultural Economics	2012	Haywood County's Economic Dependence on Agriculture: An Input-Output Analysis	Daryll Ray	Harwood Schaffer
Lee	Daegoon	M.S.	Agricultural and Resource Economics	2011	Essays on spatial analysis of policy impacts		Chad Hellwinckel
Pradhan	Shreekar	M.S.	Agricultural and Resource Economics	2011	Analyzing Effects on Biofuels While Integrating the Agricultural Sector to the Energy Market: Linking POLYSYS and MARKAL		Daniel De La Torre Ugarte
Qualls	Donald Joshua	M.S.	Agricultural and Resource Economics	2011	Analysis of factors affecting farmers' willingness to adopt switchgrass production in the southern United States and an Excel spreadsheet-based decision tool for potential switchgrass producers		Daniel De La Torre Ugarte
Watts	Hanna	M.S.	Agricultural and Resource Economics	2011	Economic and environmental effects of switchgrass production on a representative cow-calf farm in Middle Tennessee		Chad Hellwinckel
Yeast	Melissa	M.S.	Agricultural and Resource Economics	2011	Residual Supply Analysis of the United States Corn Export Market	Daryll Ray	Daniel De La Torre Ugarte
Zhuang	Haijing	M.S.	Agricultural and Resource Economics	2011	Feasibility and impact analysis of an international grain reserve	Chad Hellwinckel	Daniel De La Torre Ugarte, Daryll Ray
Toliver	Dustin	M.S.	Agricultural Economics	2010	Effects of No-Tillage on Crop Yields and Net Returns Across the United States		Daniel De La Torre Ugarte
Ball	Kimberly	M.S.	Agricultural Economics	2009	Non-thesis	Kelly Tiller	
Donahue	D. J.	M.S.	Agricultural Economics	2009	Estimating Cropland Use in a Multi-County Region of the Southeastern United States	Daniel De La Torre Ugarte	
Elliott	Robert	M.S.	Agricultural and Extension Education	2008	Thesis		Kelly Tiller
English	Alicia	M.S.	Agricultural Economics	2008	Determinants of Liberian farmgate cocoa prices		Daniel De La Torre Ugarte
Stewart	Lance	M.S.	Agricultural Economics	2008	Identifying Rural Comparative Advantage: Ethanol Plant Location Determinants and Tennessee Value Chains	Dayton Lambert	Daniel De La Torre Ugarte
Tong	Tingting	M.S.	Agricultural Economics	2008	Evaluating the Contribution of Infrastructure to U.S. Agri? Food Sector Output		Daniel De La Torre Ugarte
Jones	LaKeya	M.S.	Agricultural Economics	2007	An Investigation of Post-Buyout Burley Production and Trends in Traditional Burley Regions of Tennessee, North Carolina, and Virginia	Kelly Tiller	
Robbins	Brad	M.S.	Agricultural Economics	2006	An Examination of Relationships Between Direct Government Payments in Agriculture and Farm Vulnerability in Iowa and Tennessee		Daniel De La Torre Ugarte, Kelly Tiller

Theses and Dissertations Directed 1991-2014

Student Last Name	Student First Name	Degree	Degree Title	Year	Thesis / Dissertation Title	Major Professor	Professor - Committee Member
Master of Science							
Rudder	John	M.S.	Agricultural Economics	2006	Non-Thesis	Daniel De La Torre Ugarte	
Schaffer	Harwood	M.S.	Agricultural Economics	2006	The Viability of the Economy of Oromia: A Point of Departure	Daryll Ray	
Dellachiesa	Alejandro	M.S.	Agricultural Economics	2005	Feasibility of production and marketing blueberries in Tennessee		Daniel De La Torre Ugarte
Hulsey	Sherry	M.S.	Agricultural Economics	2004	Non-thesis	Kelly Tiller	
Takeshima	Hiroyuki	M.S.	Agricultural Economics	2004	Identification of the effective policy for the improvement of food security : the comparison of the impacts of domestic food production, economic growth and trade liberalization	Daniel De La Torre Ugarte	
Cole	Tamara	M.S.	Agricultural Economics	2002	Cost and Dependability of Moving Grain to the Southeast	Co-Chair, Daniel De La Torre Ugarte	
Sun	Lijing	M.S.	Agricultural Economics	2002	Thesis	Kelly Tiller	
Whaley	James	M.S.	Agricultural Economics	2000	Non-thesis	Kelly Tiller	
Dadakas	Dimitrios	M.S.	Agricultural Economics	1999	ENSO effects on United States farmland values : a Ricardian approach		Daniel De La Torre Ugarte
Slinsky	Stephen	M.S.	Agricultural Economics	1993	The Adoption of Sustainable Agriculture in West Tennessee Under the Federal Agriculture Improvement and Reform Act of 1996: Economic and Environmental Implications	Daryll Ray	
Doctor of Philosophy							
Tu	Wen	Ph.D.	Natural Resources	2011	Optimal draw area and feedstock delivery schedule of bio refineries in the Southeast U.S. based on least cost and producers' willingness to plant a dedicated energy crop	Burt English	Chad Hellwinckel
Della Chiesa	Alejandro	Ph.D.	Economics	2010	Trade, Pollution and the Environment: An Examination of Economic Growth and Greenhouse Emissions from Different Sources	Don P. Clark	Daniel De La Torre Ugarte
Schaffer	Harwood	Ph.D.	Sociology	2010	The Assumption of Non-coerciveness and the Total Food Market	Daryll Ray, Co-Chair	
Hellwinckel	Chad	Ph.D.	Geography	2008	Estimating potential economic net carbon flux from U.S. agriculture using a high-resolution, integrated, socioeconomic-biogeophysical model	Thomas Bell (Geography)	Daniel De La Torre Ugarte
Huarachi	Jorge	Ph.D.	Agricultural Economics	1999	product of three value added forestry development strategies : an integrated linear programming input-output approach		Daniel De La Torre Ugarte