Food Security III Cooperative Agreement
Progress Report for FY 2010

By Eric Crawford, Duncan Boughton, T.S. Jayne, John Staatz, and Steven Longabaugh

December 29, 2010

Department of Agricultural, Food, and Resource Economics
Michigan State University
East Lansing, MI 48824-1039

Prepared under the Food Security III Cooperative Agreement (GDG-A-00-02-00021-00) between Michigan State University and the United States Agency for International Development, Bureau for Economic Growth, Agriculture and Trade's Office of Agriculture and Food Security, in cooperation with the Africa Bureau Office of Sustainable Development.

Acronyms

ACF	The Agricultural Consultative Forum
ACF/FSRP	Agricultural Consultative Forum/Food Security Research Project
ACU	Accelerated Cassava Utilization
AFR/SD	Africa Bureau/Sustainable Development
AgCLIR	Agriculture Enabling Environment (see BIZCLIR)
AID	Agency for International Development (US)
AOTR	Agreement Officer's Technical Representative
ARCF	Agricultural Research and Consultative Forum
BIZCLIR	Business Climate Legal and Institutional Reform
CA	Cooperative Agreement
CAADP	Comprehensive Africa Agriculture Development Programme
CFS	Crop Forecast Survey (Zambia)
CFU/ZNFU	Conservation Farming Unit/Zambia National Farmers Union
COMESA	Common Market for Eastern and Southern Africa
CRSP	Collaborative Research Support Program
CSA	Commissariat à la Sécurité Alimentaire
CSO	Central Statistical Office
DAI	Development Alternatives, Inc.
DfID	Department for International Development (UK)
ECOWAS	Economic Community of West African States
EGAT/AG	Office of Agriculture within the Economic Growth, Agriculture and Trade bureau in AID
FAO	Food and Agricultural Organization of the United Nations
FEWS NET	Famine Early Warning Systems Network
FISP	Farmers Input Support Programme
FRA	Food Reserve Agency
FSG	Food Security Group (Michigan State University)
FSP	Fertilizer Support Programme
FSRP	Food Security Research Project
FTF	Feed the FutureFT
GRZ	Government of the Republic of Zambia
IIAM	Instituto de Investigação Agrária de Moçambique
IPR/IFRA	Institut Polytechnique Rurale de Formation et de Recherche Appliquée
LRP	Local/regional procurement
MACO	Ministry of Agriculture and Cooperatives
MATEP	Market Access, Trade, and Enabling Policies Programme
MINAG	Ministry of Agriculture
MSU	Michigan State University
MYAP	Multi-Year Assistance Program
OMA	Observatoire du Marché Agricole
PGP2	Shared Governance Through Decentralization Program
PHS	Post Harvest Surveys
PNIP	Priority National Investment Plan
PROMISAM	Projet de Mobilisation des Initiatives en Matière de Sécurité Alimentaire au Mali

SAKSS	Strategic Analysis and Knowledge Support System
SEA-level	Standard enumeration area level
SIDA	Swedish International Development Cooperation Agency
SIMA	Sistema De Informação De Mercados Agrícolas De Moçambique; (in French, Système d'Information des Marchés Agricoles)
USAID	U.S. Agency for International Development
USAID/DEC	USAID Development Experience Clearinghouse

December 29, 2010

Food Security III Cooperative Agreement
Progress Report for FY 2010

By Eric Crawford, Duncan Boughton, T.S. Jayne, John Staatz, and Steven Longabaugh

Introduction

The purpose of this report is to provide a brief overview of FS III activities for Fiscal Year 2010 (October 1, 2009 through September 30, 2010). The report covers highlights of the activities and accomplishments of the FS III Leader Award and Associate Awards, including a comparison of outputs versus work plan targets for the Leader Award.[1] The overview and accomplishments sections will be followed by Annexes that contain additional details on funding by award; project personnel; publications, presentations, and outreach/training workshops; and a guide to key FS III Web sites.

Other forms of reporting on FS III activities and accomplishments include: (a) regularly updated Web sites, including a site dedicated to administrative and management information (such as financial reports) accessible to the FS III AOTR, (b) regular MSU International Development Updates (covering publication, outreach and training activities) disseminated to USAID staff, (c) submission of results data through the annual EGAT and IEHA reporting spreadsheets, (d) regular submission of FS III publications to USAID/Development Experience Clearinghouse; and (e) written and oral reporting at our annual joint FS III/USAID review and planning meetings (usually in October or November).

Overview of Activities

The FS III Cooperative Agreement (CA) consists of a Leader Award and a set of Associate Awards. FS III is implemented by a group of faculty within the Department of Agricultural, Food and Resource Economics (AFRE). During 2010[2], the Leader Award was supported by $500,000 in core funding[3] from the Economic Growth, Agriculture and Trade Bureau of USAID. Functions of the Leader Award include overall management of the CA, support for obtaining new associate awards and managing existing ones, support for preparation of publications that synthesize insights gained from country and regional activities, and support for outreach activities, including maintenance of the Food Security III Web site.

Thematic areas addressed under the overall CA during 2010 were:

1. Agricultural technology and natural resource management
2. Growth-enhancing food system and output market development
3. Strategies to strengthen foundations of rural growth, poverty alleviation and structural transformation
4. Understanding vulnerability and managing food aid for long-term development
5. Strengthening policy research, outreach, and capacity building, and access to training materials

[1] Full details for the associate awards can be found in their quarterly and annual reports. See Annex 3.
[2] Henceforth, "2010" should be taken as referring to FY 2010.
[3] This was FY 2009 money received in September 2009 and used for core support in FY 2010.

In 2010, associate awards were supported by USAID country missions in Mali, Mozambique and Zambia, and by the Africa Bureau of USAID. FS III project personnel are also involved in other international development research, training, and outreach projects managed through AFRE, some funded by USAID but not through Associate Awards, and some funded by other donors. The term "Food Security Group" refers to these faculty members and the larger set of projects, of which FS III is the cornerstone.

FS III Leader Award

Major activities under the Leader Award[4] in 2010 included:

- Core support for FS III Associate Awards funded by the Mali, Mozambique, and Zambia missions, and an Associate Award funded by AFR/SD.
- Preparation of specific outputs identified in the work plan for completion in FY 2010:
  - A policy brief summarizing lessons learned from the past 25 years of applied research, outreach and capacity-building by the MSU FSG.[5] This was based on a longer working paper produced in September 2009[6] and discussed with AOTR Philip Steffen during his October 14-16, 2009, visit to MSU.
  - A concept paper on the use of regional food market sheds as a tool for USAID and CAADP food security policy, planning, and investment priority setting. A planned extension of this work to West Africa was initiated and an outline of a paper discussed with USAID/EGAT staff in September 2009. A draft paper developing the approach, together with food shed maps for sorghum and millet, and rice, was presented to AOTR Anne Williams and Activity Manager Steffen during their November 2-4, 2010, visit to MSU. Related presentations were made by Steve Haggblade (see Annex 3, section I.D).
  - A paper reporting a cross-country analysis of the potential inter-generational impacts of HIV/AIDS through loss of child schooling following adult mortality. The paper was to add analysis of data from Mozambique to earlier work in Kenya. A draft report has been prepared, and preliminary results of this study were presented to AOTR Williams and Activity Manager Steffen during their November 2010 visit to MSU.[7] The draft report is currently being revised to incorporate further analysis.

[4] The Leader Award was funded by the former EGAT/Office of Agriculture. This Office has been absorbed into the new Bureau of Food Security/Office of Agriculture, Research and Technology (BFS/ART).

[5] MSU Food Security Group (FSG). 2009. "Lessons Learned from 25 Years of Food Security Research, Capacity-Building, and Outreach." *Policy Synthesis* No. 84, October. Dept. of Agricultural, Food, and Resource Economics, Michigan State University.

[6] MSU Food Security Group (FSG). 2009. "Lessons Learned from 25 Years of Food Security Research, Capacity-Building, and Outreach," Dept. of Agricultural, Food, and Resource Economics, Michigan State University, September. Available at: http://www.aec.msu.edu/fs2/25-Years.pdf. A slightly revised version is now also available as International Development Working Paper 101 at: http://www.aec.msu.edu/fs2/papers/idwp101.pdf.

[7] David Mather, "The Impact of Working-Age Adult Mortality on Child Schooling in Rural Mozambique," Oct. 15, 2009.

Cross-cutting Outputs

During 2010, other cross-cutting reports and presentations were prepared, as follows.

- *Policy Synthesis* briefs and *International Development Working Papers* (see sections I.A and B of Annex 3).
- *Impacts of and Responses to Rising Commodity Prices (Reports and Presentations)* (section I.C of Annex 3).
- *Other Cross-Cutting Outreach Contributions* (section I.D of Annex 3).

Africa Bureau Associate Award. *Support to COMESA and CAADP*

The purpose of this award is to mobilize the expertise and analytical resources of FS III personnel to support COMESA's efforts at regional and country levels to implement CAADP Pillar 3 activities promoting food and nutrition security and dealing with the challenges of the vulnerable and food-insecure populations. Specific objectives are to conduct applied research, policy analysis and outreach relevant to achieving Pillar 3 objectives, to participate in selected COMESA planning meetings, and to contribute to building the capacity of COMESA and its partner organizations to conduct policy analysis and policy dialogue.

In September 2009, a no-cost extension of the Associate Award was granted through February 2010. USAID/AFR staff invited a proposal for additional funding to cover activities through the remainder of FY 2010. This proposal was submitted on December 16, 2009, and approved through September 30, 2010 with additional funding of $250,000.

Highlights of 2010 activities related to the above objectives include:[8]

1. Support for CAADP Compact Design and Implementation

Significant progress was made toward completing a CAADP country compact for Zambia (with signing scheduled for January 18, 2011), and preparing for the launch of the CAADP country compact process in Mozambique, originally scheduled for December 13, 2010.[9] Analytical support for the COMESA regional compact was completed. The regional compact will be reviewed and adjusted in the context of tri-partite East African Community discussions. An active outreach program was undertaken to support an improved policy environment regional trade, and training for policy analysts was conducted through the COMESA-funded African Agricultural Markets Program (AAMP). At the request of Africa Bureau, faculty members Jayne and Crawford conducted an all-day informal briefing session July 8, 2010, on topics related to Feed the Future Investment plans in the COMESA region. Details of all presentations can be found in Annex 3, section II C.

2. Research in support of regional input and output market development

A major study of the impacts of government policies on maize price predictability in Eastern and Southern Africa was completed. Maize is the major traded food staple in the region, and the

[8] For details, see the progress reports listed in Annex 3, section II.D, Administrative Reports.
[9] Although not a member of COMESA, Mozambique is an important trading partner for several COMESA members.

political sensitivities make it a critical issue for improved policy. A complementary policy brief on the need for a regional approach to enable staple food productivity growth was also completed. Published outputs resulting from the Africa Bureau Associate Award for 2009 are also listed in Annex 3, section II.

Mali Associate Award. *PROMISAM—Phase II : Projet de Mobilisation des Initiatives en Matière de Sécurité Alimentaire au Mali*

PROMISAM II, funded for the period December 2008-November 2011, originally had four objectives: (i) further enhance and develop the technical and analytical skills for the Malian Food Security Commission (CSA) and related support agencies; (ii) assist Mali in implementing local (commune-level) food security plans country-wide through the developing and testing of methods for monitoring plan implementation; (iii) help IPR/IFRA de Katibougou to develop an academic and practical curriculum in agricultural economics and food policy analysis; and (iv) provide technical support to Mali's national team developing the country's NEPAD/CAADP report and national compact.

The FY 2010 work plan added a fifth objective, (v) help to organize a border conference between Senegal and Mali in order to facilitate smoother cross-border trade in agricultural products. A further modification in May 2010 established a sixth objective, by calling on PROMISAM II to (vi) carry out a number of background studies on agricultural development/food security challenges facing Mali over the coming 5-10 years to assist USAID/Mali in its strategic planning of future investments and activities. A seventh objective was added to (vii) address cross-cutting activities that were implicit in this project and that support the overall project as well as the broader economic growth objective of USAID/Mali-AEG. (The FY 2010 work plan is available at: http://aec.msu.edu/fs2/promisam_2/2010_Annual_Work%20Plan_MSU_PROMISAM_II_final.pdf)

MSU/FS III implements the PROMISAM II project in partnership with the CSA and the Permanent Assembly of the Malian Chambers of Agriculture (APCAM). Other key collaborators include the *Institut Polytechnique Rural de Formation et de Recherche Appliquée* (IPR/IFRA) de Katibougou and the *Institut d'Economie Rurale* (IER).

PROMISAM II represents part of a larger portfolio of applied research, outreach and capacity-strengthening activities on food security implemented by the MSU Food Security Group (FSG) in Mali with funding from an array of sources, including USAID/Mali, USAID/WA, the Syngenta Foundation for Sustainable Agriculture, the William and Flora Hewlett Foundation, the Bill and Melinda Gates foundation, and ECOWAS. The non-USAID/Mali-funded work complements that of PROMISAM II, thus leveraging USAID/Mali's funding.

Key project achievements during FY 2010 included:

- The successful organization and carrying out of study tours to the U.S. and Canada for 12 Malian food policy, IPR/IFRA and USAID/Mali leaders in April, 2010.
- Organizing and facilitating the participation of the Malian Minister of Agriculture in the May 2010 symposium in Washington at which USAID officially launched its Feed the Future initiative.

- Ongoing technical support and capacity strengthening of the CSA and its affiliated organizations to carry out empirically based policy analysis. This included involvement of CSA and IER economists in the continued implementation of farm-level production and marketing studies that PROMISAM continued to implement during FY 2010.
- The launching of training (in conjunction with PGP-2 and Peace Corps/Mali) of local stakeholders in how to monitor implementation of local-level food security plans in 30 pilot communes in Mali.
- Formal approval and launching of the undergraduate agricultural economics program at IPR/IFRA de Katibougou, with the first class of 30 undergraduates admitted in October, 2009.
- The arrival of two IPR/IFRA junior faculty members at MSU to begin English training in anticipation of their beginning the graduate program in the Department of Agricultural, Food and Resource Economics.
- FS III support to Mali's national CAADP roundtable leading to approval of its CAADP compact in October 2009.
- PROMISAM's continued technical support to the Mali's Planning and Statistics Unit for Rural Development that led to the development of Mali's CAADP Priority National Investment Plan (PNIP), which was subsequently reviewed by a joint ECOWAS/African Union team.
- Preparation of 7 background documents for USAID/Mali June 2010 AEG partners' meeting, and participation of MSU/PROMISAM staff in helping facilitate that meeting.
- Expansion of the number of MSU campus-based faculty members involved in PROMISAM II, in part through their initial participation in the April 2010 study tour of Malians to MSU, Washington, D.C., and Québec, Canada.

Full details on the Mali FS III activities are available in the PROMISAM III FY 2010 Annual Report (http://aec.msu.edu/fs2/promisam_2/PROMISAM_Annual_Report_MSU_OCT-09_TO_SEPT_2010_final.pdf)

Mozambique Associate Award. *Strengthening Mozambique's Capacity for Agricultural Policy Analysis, Productivity, Growth and Poverty Reduction*

This project focuses on capacity strengthening in the Ministry of Agriculture (MINAG), with "twin goals … to expand the availability of appropriate crop, livestock and natural-resource management technologies for smallholder farmers, and to accelerate the uptake of those technologies by strengthening policy institutions and market information services" (http://www.aec.msu.edu/fs2/mozambique/index.htm). To achieve these goals, the project works with the Directorate of Economics of MINAG and the national agricultural research institute (IIAM).

The primary focus of project activities has been to prepare for the CAADP launch scheduled for December 13, 2010, by the Prime Minister and Minister of Agriculture, together with civil society, donor, and SADC and NEPAD representatives. Project staff worked closely with the Director of Economics and the local SAKSS node to enable the formal launch. Several technical activities that project staff worked on during the year will feed directly into the post-launch stocktaking exercise. These include the national agricultural strategy, the national agricultural

research strategy, and preparations for the evaluation of the post-2008 world food price crisis accelerated agricultural production program.

The project also undertook joint policy analysis activities with the Faculty of Agriculture at Eduardo Mondlane University to expand national leadership on applied policy research and civil society dialog in the context of CAADP. A scope of work was prepared for MSU faculty member, Dr. Kimberly Chung, an agricultural economist with expertise in community nutrition, to undertake an assessment of how to strengthen linkages between agricultural development and nutrition outcomes in early FY 2011.

The urgency of moving ahead with CAADP was underlined by the bloody food price riots in Maputo last September, which led to the replacement of the Minister of Agriculture. The events confirmed the disappointing results of the 2008 Living Standards Measurement Survey that found persistent high levels of rural and urban poverty The silver lining is that the government is now clearly focused on the imperative of raising agricultural productivity, creating strong demand for the project's analytical contributions over the past several years.

On the agricultural research side, the project collaborated closely with CGIAR centers and the Brazilian research agency, EMBRAPA, on a common agricultural research support platform funded by USAID. The project supported analysts in the socio-economics unit of the national agricultural research program to undertake studies of technology profitability in a value chain framework for several commodities.

The project worked closely with the national market information system (SIMA) over the past year to upgrade its technical systems (software and ITC). SIMA produced its 800th consecutive weekly information bulletin during the reporting period, and its information dissemination is now closely followed at the highest levels of government.

At the request of USAID/ Mozambique, the project agreed to design, contract and pay for an impact assessment survey of the PL480-funded MYAPs. The project also completed most of the work of compiling and documenting a complete series of the annual agricultural production and marketing surveys (TIA) from 2002 to 2008 to improve access by national and international analysts. This compiled dataset will facilitate analytics in support of CAADP investment plan design.

Zambia Associate Award.[10] *Food Security Research Project (FSRP)*

FSRP's mandate is to contribute to effective policy dialogue, capacity building, and ultimately an improved agricultural policy environment in Zambia, through collaboration with government and the private sector. Consistent with this mandate, FSRP in FY 2010 has achieved progress in (a) bringing about significant policy change; (b) improving the evidence base for informed government policy discussions, which while not yet resulting in tangible policy change, has sowed the seeds for future improvements in the policy environment, and (c) capacity building of

[10] This section covers the Zambia Food Security Research Project, funded by USAID/Zambia, and two related projects that form an integrated whole with FSRP: (a) funding from SIDA to support local currency costs of FSRP activities, and (b) the Market Access, Trade, and Enabling Policies (MATEP) Project, led by DAI with MSU as a subcontractor. A new five-year project funded by USAID/Zambia was approved as of October 21, 2010. The new project will involve a transition from FSRP to the new Agricultural Research and Consultative Forum (ARCF).

public agricultural entities, which will also have long-term payoffs for Zambian agriculture. Specific achievements are as follows:

Support for Concrete Policy Change

- **Cotton Value Chain:** Working to support the cotton sector since early 2006, FSRP has remained engaged with cotton sector stakeholders to contribute to forward momentum towards eventual enactment of the revised Cotton Act. In addition to being an advisory member of the Cotton Board, the project has supported the board in developing the cotton sector strategy as well as developing and hosting the cotton farmers' database.
- **Maize Value Chain:** Working closely with public and private stakeholders in the maize value chain, FSRP continued to actively engage high level policy makers and provide timely research notes on maize marketing and trade issues in Zambia and the Southern Africa region.
    - During FY 2010, ACF/FSRP initiated and continued to facilitate the stakeholder consultations on the formation of the Public Private Partnership (PPP) marketing institution in Zambia. At the request of MACO, ACF/FSRP facilitated the development of an implementation manual to guide the PPP.
    - As requested by agricultural stakeholders, FRSP conducted an analysis on the factors contributing to the bumper maize harvest during the 2009-2010 cropping season (November to April), for presentation to MACO leadership, cooperating partners and the Economic Association of Zambia. The results show that, although Zambia had a good harvest in 2010, 61 percent of the maize yield growth in 2010 over prior years was due to unusually favorable weather. Because Zambia is vulnerable to major shifts in weather conditions, the country should not be lulled into a false sense of security that it will be a consistently food self-sufficient country unless efforts are made to improve the grain marketing policy environment and devote a larger share of the public agricultural budget to R&D and effective farmer extension programs. ACF/FSRP has been commended by MACO and other stakeholders in highlighting these findings.
    - Through the guidance of FSRP, MACO and CSO for the first time included a module for estimating labor costs in the Corp Forecasting Survey questionnaire. This was to provide an evidence base to inform annual debate in recent years about the cost of production of maize in order to set appropriate FRA maize purchase prices. MACO and other stakeholders indicated that accurate knowledge of maize production costs would guide discussions in the determination of the FRA maize buying price as well as determine whether unusual steps are necessary in the event that findings showed that Zambian smallholder farmers were uncompetitive regionally.
- **Fertilizer Value Chain**: As reported last year, FISP resulted from the reforms of the FSP, which ACF/FSRP actively facilitated and coordinated. These reforms were meant to improve the implementation of the government fertilizer program with increased participation from the private sector. Despite the partial implementation of the reforms advocated by ACF/FSRP, these reforms have to some extent improved the program, for example, a reduction in the amount of fertilizer received per recipient, and reliance on camp committees to select eligible recipients. These changes have modestly improved the efficiency of the FISP and fertilizer targeting. ACF/FSRP will continue to encourage

government to introduce an electronic voucher system for fertilizer distribution, and to increase private sector participation.

- **Cassava Value Chain:** ACF/FSRP facilitated and supported the development of the cassava subsector strategy, based on prior research and outreach on cassava, and provided support to the Task Force on Accelerated Cassava Utilization (ACU). The cassava subsector strategy led to an independent project that supports the commercialization and utilization of cassava.
- **Horticulture Value Chain:** Five years of applied analysis has yielded a number of significant results which have been shared with stakeholders at different levels. Stakeholders through consultations facilitated by FSRP have recognized the need to have an institution looking at the development and interests of the horticultural sector, considering the policy neglect the sector has been facing. As such, a Horticultural Task Force, with FSRP providing the Secretariat, has been formed with a long term vision of transforming itself into a horticultural association which can later develop/formulate a national horticultural development strategy/policy. FSRP's rich database will be useful for a long period to come for analyzing trends in the structure and the behavior of vegetable markets. FSRP is now visible in the sector and has been coordinating Zambia's participation in video conferences on high value agriculture in East and Southern Africa organized by the Global Horticultural Initiative and funded by the AAACP, World Bank, COMESA and GLDN.
- **GRZ Agriculture Budget Review:** ACF/FSRP continued to facilitate active stakeholder involvement in GRZ Agriculture Budget Review: By analyzing budget trends and implications for agricultural sector development and conducting outreach on these issues, ACF/FSRP raised the level of public debate regarding agricultural sector budgetary priorities. This budget analysis is currently used in high-level policy dialogue among key government ministers, facilitated by ACF/FSRP, about public expenditure and how to achieve the CAADP target of 6 percent annual growth in agriculture.
- **Renewed commitment to CAADP:** ACF/FSRP has continued interacting with stakeholders in MACO, COMESA, Donors and State House to resolve technical differences and keep the momentum in the development of the CAADP process. The signing of the CAADP Compact has been delayed, and is now scheduled to be signed on January 18, 2011.
- **Feed the Future Initiative:** During the second half of FY 2010, FSRP was asked by USAID/Zambia to contribute to the formulation of its Feed the Future Initiative Implementation Plan. FTF has become the major focus of FSRP activity since August 2010, collecting evidence on which commodity value chains offer the greatest potential to meet a range of strategic objectives, unique features of the Zambian situation that may warrant a unique response under FTF, sub-contracting FINTRAC to carry out the AgCLIR study for Zambia, involvement of FSRP staff in the AgCLIR field work and report preparation, and other tasks.

Capacity Building

- The FSRP Team provided technical support to the MACO and CSO CFS data cleaning team, training a team of 30 people (20 males and 10 females). In March and April, FSRP staff conducted 3 training courses on use of the software programs, CSPro, Stata, and

SPSS. This exercise helped MACO and CSO to appreciate the need for treating data collection and cleaning as a process/chain that requires all links to be strengthened.

- FSRP continued to provide:
  - Technical guidance and assistance to 1 FSRP Research Associate (male) at the University of Zambia to complete an MSc degree in Agricultural Economics.
  - Financial assistance through graduate assistantships to students (3 females) at Michigan State University.

Improving the Substantive Content of Agricultural Policy Debates

Over the reporting period, FSRP has responded to specific requests in Zambia for empirical input on key policy issues:

- **Stimulating debate on the agricultural sector implications of the 2010 GRZ budget:** ACF/FSRP provided an analysis of the agricultural sector budget allocations. The analysis highlighted the continued significant proportion of the budget allocated for financing fertilizer and maize market subsidies at the expense of more fundamental public good investments that are missing and are required as building blocks for productivity increases in the Zambian agricultural sector.
- **The need to reform the Zambian fertilizer support program:** As summarized above, ACF/FSRP has continued facilitating the development and implementation of the new FISP and the electronic voucher system.
- **The Cotton Board:** ACF/FSRP, a non-voting advisory member of the Cotton Board has continued supporting the Board in the development of the cotton sector strategy and farmers' database.
- **Challenges of targeting assistance to smallholder households:** Responding to interests from MACO and other Zambian and donor stakeholders in designing more effective approaches to assisting different groups of small and medium scale farmers in Zambia, FSRP researchers continued to use the Zambian rural household data sets to identify relevant categories of resource poor smallholder farmers and their characteristics. A follow-up study is underway to understand poverty dynamics in Zambia.
- **Task Force on Acceleration of Cassava Utilization:** ACF/FSRP has facilitated and supported the development of the cassava sector strategy and an independent unit/project to spearhead the development of the cassava sector.

ANNEX 1

Food Security III Cooperative Agreement: Funding by Award, FY 2010

FS III Leader Award
$500,000 in FY 2009 funds provided in September 2009 for use in FY 2010

Africa Bureau Associate Award
$250,000 provided in July 2010

Mali Associate Award
$1,250,000 provided in June 2010

Mozambique Associate Award
$1,000,000 provided in December 2009

Zambia Associate Award
$930,154 provided in October 2009

ANNEX 2

FS III Project Personnel

U.S.-based faculty (primary FS III associate award focus indicated in parentheses)
Duncan Boughton, Co-Director (AFR, Mali, Mozambique)
Eric Crawford, Co-Director (AFR, Mali, Zambia)
Steven Haggblade (AFR, Zambia)
Thom Jayne (AFR, Zambia)
Valerie Kelly (Mali)
Steve Longabaugh (support for core and all associate awards)
Scott Loveridge (Mali)
David Mather (AFR, Mozambique)
Abdoul Murekezi (Mali)
Robert Richardson (Zambia, Mali)
Brent Ross (Mali)
Mark Skidmore (Mali)
John Staatz (Mali)
Dave Tschirley (AFR, Zambia, Mozambique)
Michael Weber (Zambia)

Africa-based faculty
Antony Chapoto (Zambia)
Niama Nango Dembélé (Mali)
Boubacar Diallo (Mali)
Cynthia Donovan (Mozambique)
Gilead Mlay (Mozambique)
Ellen Payongayong (Mozambique)

FS III Business Office Staff
Kay Barber
Lori Garza
Rosie Kelly
Xiao-Zhen Li
Cathy Snider

Other FS III Support Staff
Margaret Beaver (survey design, analysis, data management, training; core and associate awards)
Patricia Johannes (document production; core and associate awards)
Juha Sohlberg (data management; core and associate awards)

FS III Graduate Research Assistants

James Allen IV (core)
Abdrahmane Berthé (Mali)
Jennifer Cairns (Zambia)
Amadou Diallo (Mali)
Phil Grabowski (Zambia)
Natalie Lenski (core)
Nicole Mason (Zambia)
Sonja Perakis (Mali)
Jacob Ricker-Gilbert (core, AFR)
Mariam Sako (Mali)
Kirimi Sindi (core)
Miriam Sohlberg (Mali)
Helder Zavale (Mozambique)

FS III Visiting Scholars
Cheick Oumar Diarrah (Mali)
Jacob Coulibaly (Mali)

ANNEX 3

Publications, Presentations, Outreach/Training Workshops, FY 2010

Journal article and book/book chapter publications are listed first, followed by other publications and presentations attributable to the FS III leader award and associate awards.

Note: Some publications and presentations are cross-referenced and appear more than once.

Journal Articles

- Abbink, K., T.S. Jayne, Lars C. Moller. 2010. The Relevance of a Rules-Based Maize Marketing Policy: An Experimental Case Study of Zambia. Accepted by *Journal of Development Economics*. May 2010.
- Chapoto, A., T.S. Jayne, Nicole M. Mason. Forthcoming. Widows' Land Security in the Era of HIV/AIDS: Panel Survey Evidence from Zambia. *Economic Development and Cultural Change*. Final version accepted: July 2009.
- Haggblade, S., Peter Hazell, Thomas Reardon. "The Rural Nonfarm Economy: Prospects for Growth and Poverty Reduction" 2010. *World Development* 38(10) 1429–1441
- Haggblade, S., D.B. Nyirenda, L. Chiwona-Karltun, M. Chitundu, L. Brimer. "Chemical safety of cassava products in regional cassava production and processing: experience from Southern Africa." 2010. *Food and Chemical Toxicology* (in press).
- Jayne, T., Mather, D., and Mghenyi, E. 2010. "Principal Challenges Confronting Smallholder Agriculture in Sub-Saharan Africa." World Development, 38(10) October: 1384-1398.
- Mason, N. M., T. S. Jayne, A. Chapoto, and R. Myers. 2010. "A Test of the New Variant Famine Hypothesis: Panel Survey Evidence from Zambia" *World Development, 38*(3): 356-368.
- Nagai, T., Staatz, J., Bernsten, R., Sakyi-Dawson, E., Annor, G., and 2010. December, 2009. Locally Processed Roasted-maize-based Weaning Foods Fortified with Legumes: Factors Affecting Their Availability and Competitiveness in Accra, Ghana. African Journal of Food, Agriculture, Nutrition and Development.
- Tembo, G., A. Chapoto, T.S. Jayne, M. Weber. 2010. Fostering Food Market Development in Zambia. *Zambia Social Science Journal*, Volume 1(1): 39-60.
- Tschirley, David L., T.S. Jayne. 2010. Exploring the Logic Behind Southern Africa's Food Crises. *World Development* Vol. 38, No. 1, pp. 76–87.
- Tschirley, David L., Colin Poulton, Nicholas Gergely, Patrick Labaste, John Baffes, Duncan Boughton and Gérald Estur (2010). Institutional Diversity and Performance in African Cotton Sectors. *Development Policy Review*, 2010, 28 (3): 295-323

Books/Book Chapters

- Ariga, J., and T.S. Jayne. 2010. Maize trade and marketing policy interventions in Kenya. In A. Sarris and J. Morrison (eds), *Food Security in Africa: Markets and Trade Policy for Staple Foods in Eastern and Southern Africa*, Cheltenham, UK, Edward Elgar Publishers.
- Ariga J., and Jayne T.S. 2010. Maize Trade and Marketing Policy Interventions in Kenya. Chapter 9: in Alexander Sarris and Jamie Morrison (eds). *Food Security in Africa: Market and Trade Policy for Staple Foods in Eastern and Southern Africa*. Published by Food and Agriculture Organization of the United Nations (Rome, Italy) and Edward Elgar Publishing, Northhampton, MA, USA.
- Ariga, J. and T.S. Jayne. 2010. Unlocking the Market: Fertilizer and Maize in Kenya. Chapter 14 in Spielman, D., and R. Pandya-Lorch (eds). *Millions Fed: Proven Successes in Agricultural Development.* International Food Policy Research Institute, Washington, DC.
- Govereh, J., A. Chapoto, and T.S. Jayne. 2010. Assessment of alternative maize trade and market policy interventions in Zambia. In A. Sarris and J. Morrison (eds), *Food Security in Africa: Markets and Trade Policy for Staple Foods in Eastern and Southern Africa*, Cheltenham, UK, Edward Elgar Publishers.
- Haggblade, S., Peter Hazell, eds. *Successes in African Agriculture: Lessons for the Future*. 2010. Baltimore: Johns Hopkins University Press.
- Haggblade, S., Regional Trade and Food Security: Recent Evidence from Zambia. 2010. Chapter 8 in Sarris and Morrison editors, *Food Security in Africa: Market and Trade Policy for Staple Foods in Eastern and Southern*

Africa. Rome: Food and Agriculture Organization.

- Haggblade, S. Africa's Cassava Surge. 2010. Chapter 2 in Haggblade and Hazell, ed. *Successes in African Agriculture: Lessons for the Future.* Baltimore: Johns Hopkins University Press.
- Haggblade, S. Sustainable Soil Fertility Management Systems. 2010. Chapter 7 in Haggblade and Hazell, ed. *Successes in African Agriculture: Lessons for the Future.* Baltimore: Johns Hopkins University Press.
- Haggblade, S. Lessons from Past Successes. 2010. Chapter 8 in Haggblade and Hazell, ed. *Successes in African Agriculture: Lessons for the Future*. Baltimore: Johns Hopkins University Press.
- Haggblade, S. Implications for the Future. 2010. Chapter 9 in Haggblade and Hazell, ed. *Successes in African Agriculture: Lessons for the Future*. Baltimore: Johns Hopkins University Press.
- Jayne, T.S. and D. Tschirley. 2010. Food price spikes and strategic interactions between the public and private sectors: Market failures or governance failures? In *FAO Commodity Market Review, 2009/10*, Trade and Markets Division, Food and Agriculture Organization of the United Nations, Rome.
- Jayne, T.S., A. Chapoto, and J. Govereh. 2010. Grain marketing policy at the crossroads: Challenges for Eastern and Southern Africa. In A. Sarris and J. Morrison (eds), *Food Security in Africa: Markets and Trade Policy for Staple Foods in Eastern and Southern Africa*, Cheltenham, UK, Edward Elgar Publishers.
- Smale, M. and T.S. Jayne. 2010. Breeding an "Amazing" Crop: Improved maize in Kenya, Malawi, Zambia, and Zimbabwe. Chapter 4 in in Spielman, D., and R. Pandya-Lorch (eds) "Millions Fed: Proven Successes in Agricultural Development. International Food Policy Research Institute, Washington, DC.
- Staatz, J., and Ricks, D. 2010. Value Chain Participant Councils: A Tool for Improved Market Coordination and Broad-Based Growth. In Markets, Marketing and Developing Countries: Where We Stand and Where We are Heading, ed. Tryp, Hans, 97-102. Wageningen: The Netherlands Wageningen Academic Publishers.
- Tschirley, David L., Hichaambwa, Munguzwe, Mwiinga, Mukwiti. 2010. Comparative assessment of the marketing structure and price behavior of three staple vegetables in Lusaka, Zambia. In Weibel and Mithoefer, Eds, "*Understanding the Silent Revolution: New Socio-Economic Research on Horticultural Production and Marketing in Africa*". CABI.

I. FS-III Leader Award (Core)

A. Policy Syntheses

- **Number 84**. Improving Food Security in Africa: Highlights of 25 Years of Research, Capacity-Building, and Outreach. The MSU Food Security Group. Number 84. October 2009

B. International Development Working Papers

- **IDWP 106.** Modernizing Africa's Fresh Produce Supply Chains without Rapid Supermarket Takeover: Towards a Definition of Research and Investment Priorities. David Tschirley, Miltone Ayieko, Munguzwe Hichaambwa, Joey Goeb, and Wayne Loescher. June 2010.
- **IDWP 105**. Agricultural and Food Security Policy Analysis in Central America: Assessing Local Institutional Capacity, Data Availability, and Outcomes. David Tschirley, Luis Flores, and David Mather. May 2010.
- **IDWP 105s**. Análisis de Políticas Agrícolas y de Seguridad Alimentaria en Centroamérica: Evaluación de la Capacidad Institucional Local, la Disponibilidad de Datos y la Demanda Efectiva para Datos e Información. David Tschirley, Luis Flores, y David Mather. 2010.
- **IDWP 104.** Patterns and Trends in Food Staples Markets in Eastern and Southern Africa: Toward the Identification of Priority Investments and Strategies for Developing Markets and Promoting Smallholder Productivity Growth. T.S. Jayne, Nicole Mason, Robert Myers, Jake Ferris, David Mather, Margaret Beaver, Natalie Lenski, Antony Chapoto, and Duncan Boughton. April 2010.
- **IDWP 103.** The Evaluation of the Impacts of Title II Monetization Programs for Wheat and Crude Edible Oils in Mozambique, 1997-2007. Cynthia Donovan, Helder Zavale, and David Tschirley. January 2010.
- **IDWP 102.** The Impacts of Trade Barriers and Market Interventions on Maize Price Predictability: Evidence from Eastern and Southern Africa. Antony Chapoto and T.S. Jayne. Michigan State University. December 2009.
- **IDWP 101.** Lessons Learned from 25 Years of Food Security Research, Capacity-Building, and Outreach. Food Security Group. Michigan State University. November 2009

C. Impacts of and Responses to Rising Commodity Prices (Reports and Presentations)

- Food Price Spikes and Strategic Interactions between the Public and Private Sectors: Market Failures or Policy Failures? T.S. Jayne and David Tschirley. Presented at the expert meeting on "Institutions and Policies to Manage Global Market Risks and Price Spikes in Basic Food Commodities," FAO Headquarters, Rome, Italy. 27-28 October 2009.
- Sobre o Papel do Governo no Mercado de Alimentos Básicos: Panorama Baseado em Pesquisa Recente e Implicações para Moçambique. Emilio Tostão and David Tschirley. Apresentado no Conselho Técnico do MINAG, Maputo, 24 de Junho, 2010.
- How Can the Poorest Smallholder Farmers Benefit More From Staple Food Markets? Duncan Boughton, David Mather, Nango Dembele, T.S. Jayne and Abdoul Murekezi. Presentation to the Bill and Melinda Gates Foundation, Seattle. August 10-11, 2010

D. Other Cross-Cutting Outreach Contributions

- What are the Enduring Benefits of Fertilizer Subsidies on Household Well-Being? Evidence from Malawi. J. Ricker-Gilbert T.S. Jayne. Contributed Paper Presentation for the A*frican Association of Agricultural Economists Meeting*. September 19-23, 2010. Cape Town, South Africa.
- Crop Forecasting Accuracy and Price Instability. T.S. Jayne and Shahidur Rashid. Presented at the *Fourth Policy Symposium of the African Agricultural Markets Programme, Alliance for Commodity Trade in Eastern and Southern Africa (ACTESA)*. September 7, 2010. Lilongwe, Malawi.
- Overview: Food Security Program at Michigan State University. Eric W. Crawford. Presentation at *Nepal National Agricultural Research Council*, July 21, 2010.
- Grantee visit to the *Bill and Melinda Gates Foundation* by Michigan State University's Food Security Group: August 10-11, 2010
  - Agenda
  - Helping Farmers and Traders to Overcome Constraints on Productivity Growth of Staple Food Production and Market Development. T.S. Jayne and Nicholas Sitko.
  - Guiding Investments, Policies, and Programs to Support Smallholder Agriculture and Poverty Reduction in Africa. T.S. Jayne, Duncan Boughton, and Steve Haggblade.
  - Pathways into and out of Poverty: Determinants of Rural Household Wealth Dynamics in Kenya. Milu Muyanga, T.S. Jayne, and William J. Burke.
  - Modernizing Africa's Fresh Produce Supply Chains without Rapid Supermarket Takeover. Towards a definition of Research and Investment Priorities. David Tschirley
  - Unscrambling Africa: Regional investments and policies required for raising agricultural productivity. Steven Haggblade.
  - Emerging Insights from Regional Cassava Value Chains. Steven Haggblade.
  - How Can the Poorest Smallholder Farmers Benefit More From Staple Food Markets? Duncan Boughton, David Mather, Nango Dembele, T.S. Jayne and Abdoul Murekezi.
- Food Security by The Numbers. Observations from the USAID-MSU Food Security Cooperative Agreement FS III. Challenges in Collecting and Using Information To Inform Goals of Poverty Reduction, Food Security, Enhanced Productivity and Income Growth for Small-Scale Farmers. Michael T. Weber. Presented at *2010 USAID Economic Growth Officer's Conference.* Washington DC. June 21-25, 2010.
- The Impact of Fertilizer Subsidies on Displacement & Total Fertilizer Use. J. Ricker-Gilbert, T.S. Jayne. Presentation for the *AISP Workshop.* Lilongwe, Malawi May 11, 2010
- Do Fertilizer Subsidies Improve Food Security & Well-being? Evidence from Malawi. J. Ricker-Gilbert, T.S. Jayne. *Future of Food & Nutrition Conference*, Tufts University. April 10, 2010.
- Pathways by Which Improved Information Can Affect Market Performance: Implications for Evaluation of MIS Impacts. John Staatz. Workshop on *Agricultural Market Information Systems in Africa: Renewal & Impact* Montpellier, France, 29-31 March 2010.
- USAID EGAT/AG and AFR/SD Briefing on *Insights for the Implementation of the GHFSI*. USAID, Ronald Reagan Building, Washington, DC. February 19, 2010.
  - Food Security III and the GHFSI. Eric Crawford and Duncan Boughton.
  - Regional Dimensions of Effective Food Security Strategies in Africa. Steven Haggblade.

- Smallholder Productivity Growth and Market Access: Recent Findings and Implications for GHFSI Implementation. T.S. Jayne.
- Staple Food Trade in the COMESA Region. The Need for a Regional Approach to Stimulate Agricultural Growth and Enhance Food Security Cris Muyunda and Jan Nijhoff. Nairobi, November 2nd, 2009.
- Food Price Spikes and Strategic Interactions between the Public and Private Sectors: Market Failures or Policy Failures? T.S. Jayne and David Tschirley. Presented at the expert meeting on *Institutions and Policies to Manage Global Market Risks and Price Spikes in Basic Food Commodities*, FAO Headquarters, Rome, Italy. 27-28 October 2009

II. Africa Bureau Associate Award. Support to COMESA and CAADP

A. Research Papers

- The Impacts of Trade Barriers and Market Interventions on Maize Price Predictability: Evidence from Eastern and Southern Africa. Antony Chapoto and T.S. Jayne. International Development Working Paper #102. Michigan State University. December 2009.

B. Policy Briefs

- Staple Food Trade in the COMESA Region: The Need for a Regional Approach to Stimulate Agricultural Growth and Enhance Food Security. Twenty Fourth Meeting of the Trade and Customs Committee. COMESA. Nairobi, Kenya. 2-4 November, 2009.

C. Presentations

- "Implications of Lessons Learned from Food Security III for Feed the Future Investment Plans." Informal briefing for USAID/AFR/SD, T.S. Jayne and E. W. Crawford, Washington, D.C., July 8, 2010.
- The Impact of Fertilizer Subsidies on Displacement & Total Fertilizer Use. J. Ricker-Gilbert, T.S. Jayne. Presentation for the *AISP Workshop*. Lilongwe, Malawi, May 11, 2010
- The Role of Risk Management in Food Commodity Trade. Jan Nijhoff. Private Public Partnership in Grain Marketing in Zambia, Protea, Chisamba , Lusaka, Zambia, 6 March 2010.
- USAID EGAT/AG and AFR/SD Briefing on Insights for the Implementation of the GHFSI. USAID, Ronald Reagan Building, Washington, DC. February 19, 2010.
  - Food Security III and the GHFSI. Eric Crawford and Duncan Boughton.
  - Regional Dimensions of Effective Food Security Strategies in Africa. Steven Haggblade.
  - Smallholder Productivity Growth and Market Access: Recent Findings and Implications for GHFSI Implementation. T.S. Jayne.
- The Impact of Trade Barriers and Market Interventions on Maize Price Unpredictability: Evidence from Eastern and Southern Africa. A. Chapoto and T. S. Jayne. Third AAMP Regional Workshop and Seminar on: "Food Prices Variability: Causes, Consequences, and Policy Options." Maputo, Mozambique. January 25-30, 2010
- Maize Price Volatility in Zambia. Jan Nijhoff and Antony Chapoto. Presented at a meeting on Zambia's Agricultural Finance Market, organized by the Zambia National Farmers Union and the PROFIT Program, held in Lusaka, 9 December, 2009.
- Staple Food Trade in the COMESA Region. The Need for a Regional Approach to Stimulate Agricultural Growth and Enhance Food Security. Cris Muyunda and Jan Nijhoff. Nairobi, November 2nd, 2009.

D. Administrative Reports

- April - June 2010
- January - March 2010
- October - December 2009

III. Mali Associate Award. PROMISAM—Phase II: Projet de Mobilisation des Initiatives en Matière de Sécurité Alimentaire au Mali

A. Research Papers

- USAID Mali, Office of Economic Growth Partners Meeting on Strategic Brainstorming – Scaling Up. Bamako, Mali, June 23-24, 2010
  - Mali's Agricultural Sector: Trends and Performance. Duncan Boughton and Valerie Kelly. French version: Secteur Agricole du Mali: Evolution et Performance
  - Mali's Food Security Challenges: An Overview. Duncan Boughton, John Staatz and Nango Dembélé. French version: Les Défis de la Sécurité Alimentaire au Mali: Aperçu général.
  - Achieving Food Security in Mali: Key Issues and Investment Needs. Duncan Boughton, Nango Dembélé, Valerie Kelly and John Staatz. French version: Atteinte de la Sécurité Alimentaire au Mali: Enjeux et Besoins d'Investissements.
  - The Contribution of Tourism to Economic Growth and Food Security. Robert B. Richardson (Report)
  - Tourism and Food Security in Mali. Robert B. Richardson. (Policy Brief)
  - Opportunities and Investment Strategies to Improve Food Security and Reduce Poverty in Mali through the Diffusion of Improved Agricultural Technologies. Jeremy Foltz. Executive Summary: English, French
  - Nutrition in local Mali Food Security Plans. Brady Sohlberg and Mariam Sako.
- Stabilité relative des prix liée à la forte demande pour le stockage en début de campagne. Bulletin d'analyse prospective du marché agricole. Mai 2010.
- Sécurité alimentaire en Afrique de l'Ouest : enjeux et eléments stratégique pour sa réalisation. Niama Nango Dembélé and John M. Staatz. Contribution au Forum de Bamako. 16 au 20 février 2010. PRESAO Document de travail 2010-02.
- Niveau exceptionnellement élevé des prix des céréales sèches en début de récolte. Bulletin d'analyse prospective du marché agricole. Janvier 2010

B. Presentations

- Performance récente de l'Agriculture malienne et enjeux pour le futur. Niama Nango Dembélé et John Staatz. *Réunion des partenaires de l'USAID/Mali Programme de croissance économique accélérée*. Bamako. 23-24 juin 2010.

C. Local Food Security Plans Training Documents

- Rapport de synthese. Atelier de formation en suivi – évaluation de Tombouctou et Gao. Mopti, 31 juillet, 1, 2 août 2010.
- Synthese des travaux de l'atelier de formation en suivi - evaluation des plans locaux de securite alimentaire destinee aux acteurs locaux Mopti. du 28 au 30 juillet 2010.
- Rapport general de l'atelier de formation en suivi et evaluation des PSA tenu a Kayes du 27 au 29 avril 2010. Seydou Diarra, Bally Dabo. Avril 2010.
- Rapport general de l'atelier d'initiation des acteurs de la decentralisation au suivi – evaluation des plans de securite alimentaire dans la region de Koulikoro. Abdramane Traoré. 22 – 24 Avril 2010.
- Rapport de l'atelier de formation en suivi et evaluation des plans de sécurité alimentaire dans la région de Sikasso. Abdramane Traoré. Sikasso, le 06 février 2010.
- Rapport de l'atelier d'initiation des acteurs de décentralisation au suivi evaluation des plans de sécurité alimentaire. Abdramane Traoré. Ségou, les 6, 7 et 8 janvier 2010.
- Formation en suivi /évaluation des plans de sécurité alimentaire (training manual – in French)
- Evaluation du plan de sécurité alimentaire

D. Mali CAADP Documents (produced with project support)

- Plan national d'investissement prioritaire dans le secteur agricole au Mali- 2011-2015. Rapport PNIP-SA. Août 2010.
- Mali CAADP Compact – October, 2009

E. Visit to MSU, Washington D.C., Quebec of high-level Delegation from Mali, April 12-25

- Reports by Malian Participants of the Study Tour
  - Rapport du voyage d'etudes sur la securite alimentaire aux USA (09 au 24 avril 2010). Avril 2010
  - Rapport de mission d'enseignants de l'IPR/IFRA de Katibougou a East Lansing, Michigan State University (USA)10 au 20 AVRIL 2010. Version provisoire. Souleymane Kouyate et Kaboro Samasse. Avril 2010
- MSU Presentations
  - Bienvenue aux Etats-Unis et au Michigan. John Staatz.
  - Michigan State University and The Land Grant Heritage. Dave Schweikhardt. (version française)
  - Governmental Organization and Functions in the U.S. Ronald Fisher.
  - The United States Economy: Need for a Safety Net. Mark Skidmore.
  - Public Finance in the United States: Revenues. Mark Skidmore. (version française)
  - Role of Universities in Policy Research. Lessons and Opportunities in University-Government Partnerships. Soji Adelaja.
  - Common Challenges in the Design of Food Social Safety Nets. John Staatz. (version française)
  - The Role of Empirical Analysis in the Policy Process. Dave Schweikhardt. (version française)
  - Data and Policy Analysis: General Framework. Eric Scorsone. (version française)
  - Grain Inventory Management. Pat Anderson. (version française)
  - Food Safety Nets in the United States. Kimberly Chung. (version française)
  - The Need for a Safety Net. Mark Skidmore. (version française)
  - Food/Social Safety Nets. Ben Chamberlain handouts. (version française)
  - MidMichigan Foodbank Warehouse. Terry Link.
  - Grain Inventory Management. Dave Schweikhardt. (version française)
  - Analysis of Word Search Method for Summarizing Local Food Security Plans in Mali. James E Allen IV. (version française)
  - Anaylse des plans de sécurité alimentaire poiur les 30 communes échantillons. Mariam Sako et Miriam Brady Sohlberg sous l'assistance de John Staatz.
  - How to Raise Resources for International Development Projects. Mary Anne Walker (version française)
    - A Model Checklist for Preparing Grants (version française)
    - Grant Proposal Planning Guide (version française)
- Washington D.C. Presentations
  - Market Analysis and Outlook at USDA. Edward W. Allen.
  - The National Agricultural Sector Investment Plan (PNISA/CAADP) and the Sector-wide Approach in Mali. Washington. (version française)
  - Overview of NASS Operations. Bob Hale.
  - National Agricultural Statistics Service International Experience. Bob Hale.
  - Smart Choices in Hard Times. Strategies for States, Communities, and Advocates to Reduce Hunger, Stimulate the Economy, and Sustain Recovery. Food Research and Action Center.
  - Food Security and Nutrition. Mali Delegation Visit.
  - Thoughts about starting up a think tank. John Hamre.

F. Key Trip Reports

- Rapid Reconnaissance of Coarse Grain Production and Marketing in the CMDT zone of southern Mali: field work report of the IER-CSA-PROMISAM team December 13 – 19, 2009. Duncan Boughton and Niama Nango Dembélé. January 26, 2010.

G. Administrative Reports

- October 2009-September 2010 Annual Report
- April- June, 2010
- January-March, 2010
- October– December, 2009

IV. Malawi

A. Research Reports

- The Malawi Agricultural Inputs Subsidy Programme, 2005/6 to 2008/9 by Andrew Dorward, Ephraim Chirwa, and T.S. Jayne. 2010. Report posted on the World Bank's African Success Stories: Yes Africa Can
- Food Price Spikes and Strategic Interactions between the Public and Private Sectors: Market Failures or Governance Failures. T.S. Jayne and David Tschirley, Commodity Market Review 2009-2010, Food and Agriculture Organization of the United Nations, Rome.
- Malawi's Maize Marketing System. T. S. Jayne, Nicholas Sitko, Jacob Ricker-Gilbert, and Julius Mangisoni. February 6, 2010

B. Policy Brief

- The Malawi Agricultural Inputs Subsidy Programme, 2005/6 to 2008/9. A. Dorward, E. Chirwa and T. Jayne. 2010. in Punam Chuhan-Pole and Shanta Devarajan (eds). Yes Africa Can: Success Stories from a Dynamic Continent. The World Bank Group, Africa Region.

C. Policy Presentations

- What are the Enduring Benefits of Fertilizer Subsidies on Household Well-Being? Evidence from Malawi. J. Ricker-Gilbert T.S. Jayne. Contributed Paper Presentation for the A*frican Association of Agricultural Economists Meeting*. September 19-23, 2010. Cape Town, South Africa. Awarded 3rd Place among Contributed Papers.
- The Impact of Fertilizer Subsidies on Displacement & Total Fertilizer Use. J. Ricker-Gilbert, T.S. Jayne. Presentation for the *AISP Workshop.* Lilongwe, Malawi May 11, 2010
- Do Fertilizer Subsidies Improve Food Security & Well-being? Evidence from Malawi. J. Ricker-Gilbert, T.S. Jayne. Future of Food & Nutrition Conference, Tufts University. April 10, 2010

V. Mozambique Associate Award. Strengthening Mozambique's Capacity for Agricultural Policy Analysis, Productivity, Growth and Poverty Reduction

A. Flash

- Início Tardio da Campanha de Comercialização Agrícola 2009/10: Preços Altos Dominam a Comercialização. Equipe de SIMA. 1 de Outubro de 2010. Volume 55p.
- Sobre o Papel do Governo no Mercado de Alimentos Básicos: Panorama Baseado em Pesquisa Recente e Implicações para Moçambique. Emílio Tostão e David Tschirley. 19 de Março de 2010. Volume 54p.

- On the Role of Government in Food Staples Markets: Perspectives from Recent Research and Implications for Mozambique. Emílio Tostão and David Tschirley. March 19, 2010. Volume 54e.
- Medição do Impacto dos Bens Públicos e Privados sobre os Rendimentos Familiares Provenientes de Culturas em Moçambique Rural, 2002-2005. David Mather, Cynthia Donovan, and Duncan Boughton. November 5, 2009. Volume 53p.
- Measuring the Impact of Public and Private Assets on Household Crop Income in Rural Mozambique, 2002-2005. David Mather, Cynthia Donovan, and Duncan Boughton. November 5, 2009. Volume 53e.

B. Research Reports

Ministério da Agricultura

- RP 68P: Avaliação dos Impactos dos Programas de Monetização de Trigo e Óleos Comestíveis Não Refinados do Título II em Moçambique, 1997-2007. Cynthia Donovan, Helder Zavale e David Tschirley. Setembro 2010. (English version IWDP #103.)
- The Evaluation of the Impacts of Title II Monetization Programs for Wheat and Crude Edible Oils in Mozambique, 1997-2007. Cynthia Donovan, Helder Zavale, and David Tschirley. IDWP 103. January 2010.

C. Policy Presentations

Instituto de Investigação Agrária de Moçambique (IIAM)

- Metodologias de Análise Económica de algodão ao nível de campo. Raúl Pitoro. Preparado para o Treinamento em "*Integrated Crop Management*" do IAM. Beira. 24 de Setembro 2010.
- Impacto Económico do Controlo da Doença de Newcastle na Galinha Cafrea. Alda Tomo. Apresentação no 2o Simpósio de Investigação Agrária em Moçambique. UEM, Campus Universitário Principal, 16 de Setembro de 2010.
- Impacto Económico da Redução da Importação do Trigo em Moçambique. Isabel Cachomba. Apresentação no 2o Simpósio de Investigação Agrária em Moçambique. UEM, Campus Universitário Principal, 16 de Setembro de 2010.
- Repensar a Investigação Agrária em Moçambique. Gilead Mlay. Apresentação no *2o Simpósio de Investigação Agrária em Moçambique*. UEM, Campus Universitário Principal, 16 de Setembro de 2010.
- Agricultura de Conservação em Moçambique: Antecedentes, resultados & desafios. Inácio Nhancale. Apresentado no IIAM, 2 de Junho, 2010. (2MB)
- Explorando o processo da adopção de Agricultura de Conservação no planalto de Angónia, Moçambique. Philip Grabowski. Proposta de Pesquisa. 1 June 2010. (High image quality: 2MB)
- MSU in Mozambique: Support to Policy Analysis and Agricultural Research. Gilead Mlay, Cynthia Donovan, and Raul Pitoro. Presented at the Launch of the Platform for Agricultural Research and Innovation in Mozambique, held at the Mozambican Institute for Agricultural Research (IIAM), Maputo, Mozambique on April 19, 2010.
- MSU em Moçambique: Apoio a Análise de Políticas e Investigação Agrícola. Gilead Mlay, Cynthia Donovan, e Raul Pitoro. Apresentação ao Lançamento do Plataforma para Investigação Agrária e Inovação de Moçambique, apresentado no Instituto de Investigação Agrária de Moçambique Maputo. 19 de Abril de 2010.
- Can Bt Technology Reduce Poverty Among African Cotton Growers? An Ex Ante Analysis of the Private and Social Profitability of Bt Cotton Seed in Mozambique. Raul Pitoro, Tom Walker, David Tschirley, Scott Swinton, Duncan Boughton, and Higino de Marrule. Presentation prepared for the ABNE/GIBS Training. Maputo. March 22-24, 2010.
- Lessons Learned from Zambian Experience with Conservation Farming. Steven Haggblade. Presented at the Mozambican Institute for Agricultural Research (IIAM), Maputo, Mozambique on November 18, 2009. Portuguese version.

Ministério da Agricultura

- Conferencia: Seminário sobre Perspectivas de Produção e Comercialização Agrícola na Campanha 2009/2010, organizado pela Direcção de Economia do Ministério da Agricultura, 12 de Julho 2010, Maputo.
- Sobre o Papel do Governo no Mercado de Alimentos Básicos: Panorama Baseado em Pesquisa Recente e Implicações para Moçambique. Emilio Tostão and David Tschirley. Apresentado no Conselho Técnico do MINAG, Maputo, 24 de Junho, 2010.
- Monitoring Production and Adoption of OFSP: Lessons from TIA. Directorate of Economics, MINAG. Presented by Anina Manganhele with support from Ellen Payongayong. Presentation at the Launching Conference for Sweet Potato Action for Security and Health in Africa (SASHA), held at IIAM, Maputo, 4 June 2010
- Dados do TIA: Vozes das Famílias Rurais. Cynthia Donovan. Apresentação na Reunião Nacional de Planificação, em Chimoio, 10-13 de Maio de 2010.
- Sobre o Papel do Governo no Mercado de Alimentos Básicos. Panorama Baseado em Pesquisa Recente e Implicações para Moçambique. Emilio Tostão e David Tschirley. Apresentado no Instituto de Investigação Agrária de Moçambique Maputo. 24 de Março de 2010.
- Algumas Observações Sobre a Recente Subida de Preços Internacionais. David Tschirley. Presented at Instituto de Investigação Agropecuária de Moçambique Maputo, 13 de Novembro de 2009.

VI. Zambia Associate Award. Food Security Research Project (FSRP)

A. Policy Syntheses

- Factors Contributing to Zambia's 2010 Maize Bumper Harvest. William J. Burke, T. S. Jayne and Antony Chapoto. Number 42, September, 2010.
- Why are Fresh Produce Prices So Unstable in Lusaka? Insights for Policy and Investment Priorities. Munguzwe Hichaambwa and David Tschirley. Number 41, June, 2010.
- How are Vegetables Marketed into Lusaka? The Structure of Lusaka's Fresh Produce Marketing System and Implications for Investment Priorities. Munguzwe Hichaambwa and David Tschirley. Number 40, June, 2010.
- Do Brokers Help or Hinder the Marketing of Fresh Produce in Lusaka? Preliminary Insights from Research. David Tschirley and Munguzwe Hichaambwa. Number 39, June, 2010.
- Smallholder Marketing Behavior and Urban Consumption Patterns in Eastern and Southern Africa. GISAMA Policy Synthesis #3. March 2010.
- Opportunities and Challenges for Strengthening Staple Food Markets in Eastern and Southern Africa. GISAMA Policy Synthesis #2. March 2010.
- Spatial and Regional Dimensions of Food Security in Zambia. Steven Haggblade, Steven Longabaugh and David Tschirley. Number 38, February, 2010.
- Natural Resource Management, Food Security And Rural Development In Zambia: Moving From Research Evidence To Action. Proceedings Of The Public Forum. Phyllis Simasiku, Antony Chapoto, Robert Richardson, Mwape Sichilongo, Gelson Tembo, Michael Weber and Alimakio Zulu. Number 37, February, 2010.
- Policies and Public Investments to Promote Smallholder Green Revolutions in Africa: Lessons from Asia. GISAMA Policy Synthesis #1. December 2009
- Staple Food Consumption Patterns in Urban Zambia: Results from the 2007/2008 Urban Consumption Survey. Nicole M. Mason and T. S. Jayne. Number 36, December 2009.
- Impact Of Natural Resource Conservation Policies On Household Consumption Around Zambian National Parks. Gelson Tembo, Sushenjit Bandyopadhyay and Jean-Michel Pavy. Number 35, October 2009.

B. Research Reports

- Factors Contributing to Zambia's 2010 Maize Bumper Harvest. William J. Burke, T. S. Jayne, and Antony Chapoto. Working Paper No. 48. September 2010.
- Productivity Impact of Conservation Farming on Smallholder Cotton Farmers in Zambia. Steven Haggblade and Christina Plerhoples. Working Paper No. 47. July 2010.

- The Structure and Behavior of Vegetable Markets Serving Lusaka: Main Report. David Tschirley and Munguzwe Hichaambwa. Working Paper No. 46. June 2010.
- Patterns and Trends in Food Staples Markets in Eastern and Southern Africa: Toward the Identification of Priority Investments and Strategies for Developing Markets and Promoting Smallholder Productivity Growth. T.S. Jayne, Nicole Mason, Robert Myers, Jake Ferris, David Mather Margaret Beaver, Natalie Lenski, Antony Chapoto, and Duncan Boughton. International Development Working Paper #104. April 2010.
- A Case Study of Regulation in Zambia's Cotton Sector. David Tschirley and Stephen Kabwe. Working Paper No. 45. April 2010.
- Natural Resource Management, Food Security, and Rural Development in Zambia: Moving From Research Evidence to Action Proceedings of the Public Forum. Phyllis Simasiku, Antony Chapoto, Robert Richardson, Mwape Sichilongo, Gelson Tembo, Michael Weber and Alimakio Zulu. Working Paper No. 44. February 2010.
- The Impacts of Trade Barriers and Market Interventions on Maize Price Predictability: Evidence from Eastern and Southern Africa. Antony Chapoto and T.S. Jayne. International Development Working Paper #102. Michigan State University. December 2009.
- Patterns Of Urban Food Consumption And Expenditure In Zambia: An Overview Report Based on the CSO/MACO/FSRP Food Consumption Survey in Urban Areas of Lusaka, Kitwe, Mansa and Kasama, 2007-2008. Munguzwe Hichaambwa, Margaret Beaver, Antony Chapoto and Michael Weber. Working Paper No. 43. December, 2009.
- Staple Food Consumption Patterns in Urban Zambia: Results from the 2007/2008 Urban Consumption Survey. Nicole M. Mason and T.S. Jayne. Working Paper No. 42. November 2009

C. Policy Presentations

- *Increased Regional Trade: Opportunities & Issues in East and Southern Africa*. Video Conference. Held at the World Bank Zambia Offices, Lusaka. Thursday, 23rd September 2010.
  - Program
  - Increased Regional Trade: Opportunities and Issues - Zambia. Stephen Kabwe, Munguzwe Hichaambwa and Chance Kabaghe
  - Zambia National Position Paper. Munguzwe Hichaambwa.
  - Zambia Country Report. Stephen Kabwe and Chance Kabaghe
  - Zambian Impressions of Participation in the Video Conferences. Munguzwe Hichaambwa and Chance Kabaghe.
  - Opportunities and Constraints to Increased Fresh Produce Trade in East and Southern Africa. Dave Tschirley.
  - Recommendations on way forward. Munguzwe Hichaambwa and Chance Kabaghe
- Factors Contributing to Zambia's 2010 Maize Bumper Harvest. William J. Burke, T. S. Jayne and Antony Chapoto. ACF/FSRP Research presented to the Economics Association of Zambia. Pamodzi Hotel, Lusaka. 23 September 2010.
- Modernizing Africa's Fresh Produce Supply Chains without Rapid Supermarket Takeover. Towards a definition of Research and Investment Priorities. David Tschirley. Presented at Bill & Melinda Gates Foundation, Seattle. August 11, 2010.
- Options for Investments in Fresh Produce Markets. Munguzwe Hichaambwa. Presented to the African Development Bank, Zambia Country Strategy (2011-2014) Development Mission, Lusaka. 10 August 2010.
- Zambia Guidebook to Location of Expected Smallholder Maize Sales for the 2010-2011 Marketing Season: Expected Sales Volume and Number of Smallholders Selling by Province, District and Type of Small/Medium Households. Presentation distributed at the *Lusaka Agriculture and Commercial Show*, Lusaka. July 29-31, 2010. By MACO/CSO and ACF/FSRP.
- *High Value Agriculture in Eastern and Southern Africa: Standards and Market Preferences: Opportunities and Constraints.* Video Conference. World Bank offices. 27 July 2010.
  - Programme
  - FSRP Presentation. Shirley Ngandu (UNZA) and Munguzwe Hichaambwa
  - COMESA presentation. Martha Byanyima
  - Position paper and conference synthesis. Munguzwe Hichaambwa and Chance Kabaghe
  - Way forward and action plan. Munguzwe Hichaambwa and Chance Kabaghe

- Workshop on *Impacts of and Innovations for Conservation Farming*. ACF/FSRP and CFU. ACF Conference Room, 2 July 2010. Lusaka
  - Productivity Impact of Conservation Farming on Asset-Poor Households. Steve Haggblade. ACF/FSRP/Michigan State University
  - Mechanised Minimum Tillage Service Provision: The Next Step Small Scale Agriculture and CF. Peter Aagaard, CFU
  - Background research report. Productivity Impact of Conservation Farming on Smallholder Cotton Farmers in Zambia. Steven Haggblade and Christina Plerhoples. FSRP Working Paper No. 47. July 2010.
- *ACF/FSRP Horticultural Markets Development Workshop*. Pamodzi Hotel, Lusaka, Zambia. 2 July 2010.
  - Workshop Agenda
  - Opening Remarks
  - Key Characteristics and Main Challenges in Zambia's Fresh Produce Marketing System. Munguzwe Hichaambwa and David Tschirley.
  - African Development Bank Support To Horticulture Production And Marketing Infrastructure. Lewis Bangwe and Christopher Banda
  - Options Under Consideration For Improving Fresh Produce Wholesaling In The City Of Lusaka. Paul Chipasu.
  - Conference Proceedings
- Analysis of the 2009/10 Maize Production Estimate from the Crop Forecast Survey. FSRP/ACF and MACO/Policy and Planning Department. Presentation to Cooperating Partners at ACF Conference Hall, Lusaka. 1 July 2010.
- Analysis of the 2009/10 Maize Production Estimate from the Crop Forecast Survey. FSRP/ACF and MACO/Policy and Planning Department. Presentation at Mulungushi, House, Lusaka. 28 June 2010.
- Food Security by The Numbers. Observations from the USAID-MSU Food Security Cooperative Agreement FS III. Challenges in Collecting and Using Information To Inform Goals of Poverty Reduction, Food Security, Enhanced Productivity and Income Growth for Small-Scale Farmers. Michael T. Weber. Presented at *2010 USAID Economic Growth Officer's Conference.* Washington DC. June 21-25, 2010.
- *Post Harvest and Transport Issues in East and Southern Africa*. Video Conference Organized by the Global Horticulture Initiative. June 22, 2010.
  - Conference Program
  - Developments In The Horticultural Supply Chains In Zambia, Presentation, Paper. Munguzwe Hichaambwa.
    - Conference Summary Report, Munguzwe Hichaambwa and Chance Kabaghe.
- *Awakening the Sleeping Giant: Making Grain Markets Work for Smallholder Farmers and Consumers in Eastern and Southern Africa.* Conference sponsored by the CAADP Programme, Common Market for Eastern and Southern Africa (COMESA); and by the Alliance for Commodity Trade in Eastern and Southern Africa (ACTESA). Financial support for this conference is provided by the Bill & Melinda Gates Foundation through the Guiding Investments in Sustainable Markets in Africa program (GISAMA), jointly implemented by COMESA and Michigan State University. Lusaka Zambia. May 10, 2010.
  - Conference Flier
  - Conference Program.
  - GISAMA Overview. Chris Muyunda
  - Unappreciated Facts about Staple Food Markets: The Potential for Win-Win Outcomes for Governments, Farmers, Consumers and the Private Sector. T.S. Jayne
  - Do Market Interventions Promote Food Price Stability? Evidence from Eastern and Southern Africa. A. Chapoto and T. S. Jayne.
  - How is South Africa Affecting Food Security in the Region? Jan Nijhoff.
  - Managing food price instability: what have (and haven't) we learnt form experiences? Shahidur Rashid
  - Prospects for Commercial Agriculture in the Guinea Savannah Zone and Beyond. Hans P. Binswanger-Mkhize.
  - The Green Revolution. Lessons for Africa. Hans P. Binswanger-Mkhize.
  - Conference Recommendations.
- Information to Inform Goals of Poverty Reduction, Food Security, Enhanced Productivity and Income Growth for Small-scale Farmers in Zambia. ACF/FSRP Presentation. Work by A. Kuteya, S. Kabwe, M. Beaver, A.

Chapoto, B. Burke , N. Mason and M. Weber. With prior contributions from T. Lungu and many others in MACO, CSO and FSRP. ACF Categorisation Workshop, Serenity Lodge, Lusaka. May 5, 2010.

- Categorisation/Economic Stratification of Rural Cropping Households in Zambia By ACF/FSRP. A. Kuteya, S. Kabwe, M. Beaver, A. Chapoto, B. Burke, N. Mason and M. Weber.(With prior contributions by T. Lungu, now at MoFNP and many other CSO, MACO, and FSRP Staff) Forthcoming.
- Talking Points: Supply, Demand, Prices and Marketing for the 2010/2011 Zambian Maize Marketing Season. ACF/FSRP contribution to FRA organized discussion of factors to consider for the Zambian 2010/2011 maize marketing season. April 23, 2010
- Is Credit and Input Distribution the Answer to Increased Crop Production and Incomes in Zambia? Chance Kabaghe. Economics Association of Zambia Public Discussion Forum, Pamodzi Hotel, 08 April, 2010.
- Cotton Sector Regulation and Facilitation Process in Zambia. A Case Study. Stephen Kabwe and David Tschirley. Presented at Southern and Eastern Africa Cotton Forum (SEACF), 10th Plenary Meeting. Lusaka. 8–11 March 2010.
- *Private Public Partnership in Grain Marketing in Zambia*, Protea, Chisamba , Lusaka, Zambia, 6 March 2010.
  - Program
  - A Zambia Case Study. Public Procurement and Private Sector. Felix Edwards
  - ZAMACE Role in Zambia's Grain Sector and Warehouse Receipts Success, Challenges and Opportunities. Brian Tembo.
  - Alternative Strategies for National Food Reserve Management. Rob Munro.
  - Experiences, Challenges & Opportunities in Grain Trading in Zambia. Grain Traders Association of Zambia.
  - Regional grain trade, opportunities and constraints. Cris Muyunda and Jones Govereh.
  - FRA Experiences & Challenges in Managing Food Reserves. Lazarous M. Mawele.
  - The Role of Risk Management in Food Commodity Trade. Jan Nijhoff.
- *HIV/AIDS and Development in Zambia. Taking Stock and Rethinking Policies*. February 2010, Taj Pamodzi Hotel, Lusaka
  - Workshop Program
  - ARV Treatment in Zambia: Current Issues. Chileshe Mulenga. Institute of Economic and Social Research, University of Zambia.
  - Barriers and Outcomes: TB patients co-infected with HIV accessing Antiretroviral Therapy in Rural Zambia. Mutale Chileshe and Virginia Bond. ZAMBART Project and LSHTM.
  - Does Food Assistance Lessen the Adverse Impacts of Adult Morbidity and Mortality on Household Welfare in Zambia? Gelson Tembo. University of Zambia Department of Agricultural Economics & Extension Education.
  - Does AIDS Related Mortality Reduce Per Capita Household Income? Evidence from Rural Zambia. Toman Omar Mahmoud and Rainer Thiele. Kiel Institute for the World Economy.
  - Policy Overview and Status of the AIDS Epidemic in Zambia. Ben Chirwa. National HIV/AIDS/STI/TB Council.
  - What do we (need to) know about the development impact of AIDS in Africa? Robert Greener
  - Widows Land Security in the Era of HIV/AIDS: Panel Survey Evidence from Zambia. Antony Chapoto, Thom Jayne and Nicole Mason.
- Zambia Agricultural Surveys: A Voice for Smallholders? Antony Chapoto. Norwegian Embassy/Zambia. February 11, 2010
- The Impact of Trade Barriers and Market Interventions on Maize Price Unpredictability: Evidence from Eastern and Southern Africa. A. Chapoto and T. S. Jayne. Third AAMP Regional Workshop and Seminar on: "*Food Prices Variability: Causes, Consequences, and Policy Options*." Maputo, Mozambique. January 25-30, 2010.
- The Impact of Trade Barriers Land and How it Affects the Rights of Indigenous Local Communities. Submission by FSRP to the Parliamentary Committee on Agriculture and Lands Study, January 2010.
- Maize Price Volatility in Zambia. Jan Nijhoff and Antony Chapoto. Presented at a meeting on Zambia's Agricultural Finance Market, organized by the Zambia National Farmers Union and the PROFIT Program, held in Lusaka, 9 December, 2009.
- *Insights on Natural Resource Management and Rural Development in Zambia: Moving From Research Evidence to Action. Collaborating Partner Public Forum*. Pamodzi Hotel, 03 December, 2009
  - Forum Final Programme
  - Opening Comments - Honorable Minister of Minister of Tourism, Environment and Natural Resources

- Forum Summary Document and Suggestions for Action for SNDP and Beyond
  - Recommendations for Policy Leaders in MTENR, MACO, Livestock and LANDS
  - Proceedings Document
- Panel Presentations on Community-Based Natural Resource Management
  - The impact of wildlife management policies on communities and conservation in Game Management Areas in Zambia. Alimakio Zulu(NRCF)and Mwape Sichilongo (CBNRMF)
  - Household Consumption and Natural Resource Management around National Parks in Zambia. Dr. Gelson Tembo, (UNZA)
  - The Impacts of Wildlife Conservation Policies on Rural Welfare in Zambia. Dr. Robert Richardson, (FSRP/MSU)
- Panel Presentations on Land Use and Intensification of agriculture/livestock production and potential for productivity enhancements
  - The Challenge of Integrating the Goals of Productive Land Use and Broad-Based Agricultural Development In Zambia. Dr. Antony Chapoto (FSRP)
  - Conservation Farming and Related Natural Resource Policies for Sustainable Agricultural Intensification-Two Key Issues. Peter Aagaard
  - Improving the lives of poor farmers, rewarding farming practices that protect nature: COMACO. Dr. Dale Lewis, Wildlife Conservation Society
  - Supplemental Paper: Community Markets for Conservation (COMACO): Scaling up Conservation Impact through Markets that Change Livelihoods. Dale Lewis.

- The Impact of Wildlife Conservation on Rural Development in Zambia. Robert B. Richardson, Ana Fernandez and David Tschirley. Presented at Regional Science Association International (RSAI). San Francisco, CA. November 19, 2009.
- Food Security Research Project. Briefing on FSRP Regional Trade Activities. Jan Nijhoff. USAID Mission. Lusaka. Monday, November 9th, 2009
- Integrating the Goals of Productive Land Use and Broad-Based Agricultural Development. T.S. Jayne. FSRP. Presentation at USAID/Zambia. November 9, 2009.
- Measuring the Effects of Natural Resource Conservation Policies on Household Welfare. Robert B. Richardson and David Tschirley. Brown Bag Seminar Series Department of Agricultural, Food and Resource Economics. November 10, 2009.
- Reporting from Agricultural Surveys: A Voice for Smallholders. Munguzwe Hichaambwa and Chance Kabaghe, at the Annual Small Scale Farmers' Forum, 05 Nov 2009, Barn Hotel, Lusaka.
- Food Price Spikes and Strategic Interactions between the Public and Private Sectors: Market Failures or Policy Failures? T.S. Jayne and David Tschirley. Presented at the expert meeting on "*Institutions and Policies to Manage Global Market Risks and Price Spikes in Basic Food Commodities*," FAO Headquarters, Rome, Italy. 27-28 October 2009
- *Planning Meeting for Outreach Activities: Research and Outreach Towards Game Park and Natural Resource Management to Improve Rural Household Welfare in Zambia*. NRCF (Natural Resources Consultative Forum), CBNRMF (Community-Based Natural Resource Management Forum), UNZA (University of Zambia), ACF (Agricultural Consultative Forum)/FSRP (Food Security Research Project) ACF Conference Meeting Room, lot 30 G, Sable Road, Kabulonga. 27 October, 2009 at 09:30 -11:30 hrs
  - Programme of Presentation and Discussion.
  - Alimakio Zulu and Mwape Sichilong. NRCF and CBNRMF. What was learned and possible ways forward from the June 2008 workshop: "The Impact Of Wildlife Management Policies On Communities And Conservation In Game Management Areas In Zambia".
  - Dr. Gelson Tembo, UNZA "Household Consumption and Natural Resource Management around National Parks in Zambia".
  - Dr. Robert Richardson, FSRP/MSU. "The Impact of Wildlife Conservation Policies on Rural Welfare in Zambia."
  - Dr. Michael Weber, FSRP/MSU. "Smallholder Land Access Research - Possible Interactions with Natural Resource & GMA Issues." See also Table 1 and 2 handouts.
- What is in the 2010 National Budget for Zambian Agriculture? ACF/FSRP in Collaboration with MACO/CSO. Breakfast Budget Review Meeting: Pamodzi Hotel, Lusaka -20 Oct, 2009.

- Fruit and Vegetable Production, Marketing and Consumption in Zambia: Overview of Empirical Analysis by FSRP. Chance Kabaghe, Munguzwe Hichaambwa, and David Tschirley. Presented at the *ZNFU Fruits and Vegetables Annual General Meeting*, Mulungushi International Conference Centre, Lusaka. 13 October 2009

D. Administrative Reports

- July-September
- April-June
- January-March
- October-December

ANNEX 4

Key FS III Web Sites

FS III Cooperative Agreement:

- Main page: http://aec.msu.edu/fs2/fs2obj.htm
- Administrative site for internal and FS III AOTR use (requires password): http://aec.msu.edu/fs2/mgt/3170-core/index.cfm

Food Security Group: http://aec.msu.edu/fs2/index.htm

Africa Bureau Associate Award: http://aec.msu.edu/fs2/afr/index.htm

Mali Associate Award Phase II: http://www.aec.msu.edu/fs2/promisam_2/index.htm

Mali Associate Award Phase I: http://aec.msu.edu/fs2/mali_fd_strtgy/index.htm

Mozambique Associate Award: http://aec.msu.edu/fs2/mozambique/index.htm

Zambia Associate Award: http://aec.msu.edu/fs2/zambia/index.htm

Publications: http://www.aec.msu.edu/fs2/professionalpubs.htm (lists of journal articles, books and book chapters)