

# Andrew Dillon

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East Lansing, MI 48824  
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## Employment

- 2012-present Michigan State University, Assistant Professor,  
Department of Agricultural, Food and Resource Economics  
2011 International Food Policy Research Institute, Research Fellow  
2008-2010 International Food Policy Research Institute, Post-Doctoral Research Fello  
2008-2010 Georgetown University—Public Policy Institute, Affiliated Professor  
2005-2006 Principal Investigator, International Fund for Agricultural Development  
(IFAD)—PDZL II and Programme Mali Nord (GTZ/KfW) Impact Evaluation,  
Niafunke, Mali  
1999-2001 United States Peace Corps, Kolondieba, Mali

## Education

### **Cornell University**

- Ph.D., Applied Economics and Management August 2008  
M.A., Applied Economics and Management April 2007

### **University of Virginia**

- B.A., Economics May 1999  
B.A., Political and Social Thought, Distinguished Majors Program May 1999

## Peer-Reviewed Publications

1. Serneels, Pieter, Kathleen Beegle, and Andrew Dillon. (2017) “Do Returns in Education Depend on How Labor Questions are Asked?” *Economics of Education Review*, forthcoming.
2. Dillon, Andrew, Sydney Gourlay, Kevin McGee, Gbemisola Oseni. (2016) “Land Measurement Bias and its Empirical Implications: Evidence from a Validation Exercise” *Economic Development and Cultural Change*, forthcoming.
3. Olney, Deanna, Lilia Bliznashka, Abdoulaye Pedehombga, Andrew Dillon, Marie T. Ruel, Jessica Heckert\*. (2016) “Prevalence of thinness decreased and dietary intake and empowerment improved among mothers who participated in a 2-y integrated agriculture and nutrition and health behavior change communication program in Burkina Faso,” *Journal of Nutrition*, 146 (5): 1109-1117.
4. van den Bold, Mara, Andrew Dillon, Deanna Olney, and Agnes Quisumbing. (2015) “Can Integrated Agriculture-Nutrition Programs Change Gender Norms on Land and Asset Ownership?” *Journal of Development Studies*, 51 (9): 1155-1174.
5. Dillon, Andrew, Kevin McGee, and Gbemisola Oseni. (2015) “Agricultural Production, Dietary Diversity and Climate Variability”, *Journal of Development Studies*, 51 (8): 976-995.

6. Olney, Deanna, Abdoulaye Pedehombga, Marie Ruel, and Andrew Dillon\*. (2015) “A two year integrated agriculture and nutrition and health behavior change communication program targeted to women in Burkina Faso reduces anemia, wasting and diarrhea in children 3-12.9 mo of age at baseline: A cluster-randomized controlled trial” *Journal of Nutrition*, 145: 1317-1324.
7. Dillon, Andrew. (2013) “Child Labor Responses to Production and Health Shocks in Northern Mali,” *Journal of African Economies*, 22(2): 276-299.
8. Dillon, Andrew, Elena Bardasi, Kathleen Beegle, and Pieter Serneels. (2012) “Explaining Variation in Child Labor Statistics,” *Journal of Development Economics*, 98 (1): 136-147.
9. Beaman, Lori and Andrew Dillon. (2012) “Do household definitions matter in survey design? Results from a randomized survey experiment in Mali,” *Journal of Development Economics*, 98 (1): 124-135.
10. Dillon, Andrew. (2011) “The Effect of Irrigation on Poverty Reduction, Asset Accumulation and Informal Insurance: Evidence from Northern Mali,” *World Development*, 39 (12): 2165-2175.
11. Bardasi, Elena, Kathleen Beegle, Andrew Dillon, and Pieter Serneels. (2011) "Do Labor Statistics Depend on How and to Whom the Questions Are Asked? Results from a Survey Experiment in Tanzania," *World Bank Economic Review*, 25(3): 418-447.
12. Dillon, Andrew, Valerie Mueller, and Sheu Salau (2011) “Migratory Responses to Agricultural Risk in Northern Nigeria,” *American Journal of Agricultural Economics*, 93(4): 1048-1061.
13. Dillon, Andrew, Manohar Sharma, and Xiaobo Zhang (2011) “Estimating the Impact of Access to Infrastructure and Extension Services in Rural Nepal,” *IFPRI Research Monograph*.
14. Dillon, Andrew, Manohar Sharma, and Xiaobo Zhang (2011) “Estimating the Impact of Rural Investments in Nepal” *Food Policy*, 36 (2): 250–258.
15. Dillon, Andrew. (2011) “Do differences in the scale of irrigation projects generate different impacts on poverty and production? Evidence from large and small-scale projects in Northern Mali” *Journal of Agricultural Economics*, 62 (2): 474-492.
16. Dillon, Andrew (2010) “Measuring Child Labor: Comparisons between Hours Data and Subjective Measures,” *Research in Labor Economics*, 31: 135-169.

### **Revise and Resubmit**

17. Dillon, Andrew; Jed Friedman, and Pieter Serneels. (2017) “Health information, treatment, and worker productivity,”
18. Beaman, Lori and Andrew Dillon. (2017) “Diffusion of Agricultural Information within Social Networks: Evidence from Composting in Mali,”
19. Dillon, Andrew, Joanne Arsenault, Deanna Olney. (2017) “Nutrient Production and Dietary Macro and Micronutrient Gaps: Evidence from an Agriculture-Nutrition Randomized Control Trial,”

### **Under Review**

20. Dillon, Andrew, Lilia Bliznashka, Deanna Olney (2017). “Experimental Evidence on Spillovers from an Agriculture-Nutrition Program”
21. Prasann, Ashesh and Andrew Dillon (2017). “The Spillover Effects Of Public Works On Labor Markets: Evidence From National Rural Employment Guarantee Scheme, India”

22. Akogun, Oladele, Andrew Dillon, Jed Friedman, Ashesh Prasann, and Pieter Serneels (2017). “Productivity and Malaria: Alternative Productivity Measures using Physical Activity,”
23. Goeb, Joseph; Andrew Dillon, Frank Lupi and David Tshirley (2017). “Pesticides: What you don’t know can hurt you,”
24. Dillon, Andrew and Esteban J. Quiñones (2017). “Asset Dynamics and Poverty Traps in Northern Nigeria,”

### **Papers in Progress**

25. Adesina, Adedoyin, Akogun, Oladele, Andrew Dillon, Jed Friedman, Sani Njobdi, Ashesh Prasann, Pieter Serneels. (2015). “From Robustness to Replication: What do we Learn from Repeated Study Designs over Time?” *Invited Paper to the AAEA session at the 2018 ASSA meetings*
26. Akogun, Oladele, Andrew Dillon, Pieter Serneels (2016) “The Demand for Workplace Based Insurance against Malaria: Experimental Evidence from Nigeria”
27. Dillon, Andrew (2016). “Remedial Education: Evidence on the Role of Non-Cognitive Skills and Spillovers,”
28. Dillon, Andrew (2016). “Labor Substitution Effects from Remedial Education”
29. Dillon, Andrew and Maria Porter (2017). “Demand and Supply Constraints to Fertilizer Adoption”
30. Dillon, Andrew, Aissatou Ouedraogo, Maria Porter and Melinda Smale (2017). “Yield and Input Substitution Effects of Agricultural Technology Adoption”
31. Ouedraogo, Aissatou; Andrew Dillon and Maria Porter (2017). “How Do Nuclear and Extended-Family Households Differ in Labor Allocation Decisions due to Agricultural Technology Adoption? Evidence from Burkina Faso”
32. Liverpool-Tasie, Saweda; Andrew Dillon, Bolarin Omonona, and Serge Adjognon (2017). “The Impact of Urea Deep Placement Technology on Rice Yields and Agronomic Practices”

\*indicates health/nutrition journal ordering of authors

### **Presentations since 2012**

2018: ASSA meetings (AAEA Invited Paper Session Organizer and Presenter) (scheduled)

2017: Carleton University, World Bank, Impact Nigeria Conference (Lagos), Ohio State (scheduled), AAEA (scheduled)

2016: University of Georgia, BASIS conference, USAID, IPA Measurement Conference, AEA Summer Institute, Asian Development Bank, National Academies of Science (scientific panel), Financial Inclusion and Agriculture Conference (Burkina Faso)

2015: EDePO Institute for Fiscal Studies ‘Improving Productivity in Developing Countries’ Conference, Western Economic Association, US Department of Labor

2014: University of Illinois-Urbana Champaign, UC-Davis (Agricultural Economics), UC-Davis (Law School), Purdue University, University of Minnesota, Agricultural and Applied

Economics Meetings, SPIA/FAO: Measuring the Impacts of Poverty Assessment Workshop, J-PAL Conference: Towards Accessible and High-Quality Education in French-Speaking Africa

2013: DePaul University, World Bank, Michigan State University (Medical School), Michigan State University (AFRE), Midwest International Economic Development Conference, Agricultural and Applied Economics Meetings, CGIAR Methods and Standards for Research on Gender and Agriculture Workshop

2012: Michigan State University (AFRE), Midwest Development Day, CGIAR International Workshop on Institutions for Inclusive Climate-Smart Agriculture

### **Field Work and Datasets Collected**

1. Speed School Follow-up Survey (2017)
2. GISAIA/BASIS Microdosing Follow-up Survey (with Maria Porter) 2017
3. IMMANA (2017) Agriculture and Nutrition Statistics Experiment
4. Jacobs Foundation Labor Module and Accelerometer Pilot (2016) Côte d'Ivoire
5. GISAIA Microdosing Experiment: Follow-up and Adoption Survey, Burkina Faso (with Maria Porter and Melinda Smale) 2015
6. GISAIA Urea Deep Placement Follow-up and Adoption Survey (with Saweda Liverpool-Tasie, Bolarin Omonana, Oluyemisi Kuku) 2015
7. Blantyre Tracking Survey (with Terrie Taylor, Don Mathanga, Sosten Chilumpha, and Levison Chiwaula) 2014
8. GISAIA Urea Deep Placement Experiment: Listing, Social Network Census, Risk Aversion Experiment and Baseline, Nigeria (with Saweda Liverpool-Tasie, Bolarin Omonana, Oluyemisi Kuku, Robert Shupp) 2014
9. Malaria and Labor Productivity Experiment (with Oladele Akogun, Bashir Aliyou, Jed Friedman, Pieter Serneels) Malaria Micro-Insurance WTP Survey Round 5: 2014
10. GISAIA Microdosing Experiment: Listing, Social Network Census, and Baseline, Burkina Faso (with Maria Porter and Melinda Smale) 2014
11. Malaria and Labor Productivity Experiment (with Oladele Akogun, Bashir Aliyou, Jed Friedman, Pieter Serneels) Activity Monitoring Round 4: 2013
12. Speed School Follow-up: October 2013, Final Survey May 2014
13. Helen Keller International Enhanced Homestead Food Production Final Survey (with Deanna Olney), Burkina Faso 2013
14. Speed School Baseline Study, Mali 2012
15. Helen Keller International Enhanced Homestead Food Production Final Survey (with Deanna Olney), Burkina Faso 2012
16. Millennium Challenge Final Surveys for Alatona Irrigation Project and New Settler Baseline (with Lori Beaman), Mali 2012
17. Social Networks and Information Diffusion Experiment (with Lori Beaman), Mali 2011

18. Millennium Challenge Midterm Survey for Alatona Irrigation Project (with Lori Beaman), Mali 2011
19. Helen Keller International Enhanced Homestead Food Production Social Network Census, Burkina Faso 2011
20. Nigeria General Household Panel Survey (with World Bank-LSMS-ISA), Nigeria 2010-2011 (Post-planting and Post-harvest rounds)
21. Social Networks and Information Diffusion Experiment (with Lori Beaman), Mali 2010
22. Helen Keller International Enhanced Homestead Food Production Baseline Survey (with Deanna Olney), Burkina Faso 2010
23. Malaria and Labor Productivity Experiment (with Oladele Akogun, Bashir Aliyou, Jed Friedman, Pieter Serneels), Nigeria Round 1 and 2: 2009-2010, Round 3: 2011
24. Northern Nigeria Panel Survey, Nigeria 2008
25. Millennium Challenge Baseline Survey for Alatona Irrigation Project (with Lori Beaman), Mali 2008
26. Social Network Census (with Lori Beaman), Mali 2008
27. Household Definition Experiment (with Lori Beaman), Mali 2008
28. Survey of Household Welfare and Labor in Tanzania, (with LSMS/World Bank), Tanzania 2007
29. Poverty and Food Security in Northern Mali; Panel and Cross-sectional Survey, Mali 2006

### **Affiliations**

MSU African Studies Center, Core Faculty Member  
MSU Center for Gender in Global Context, Core Faculty Member  
MSU Center for the Advanced Study of International Development, Core Faculty Member  
Agricultural Technology Adoption Initiative, Affiliate Member  
Innovations for Poverty Action, Research Network Member  
American Economic Association  
Agricultural and Applied Economics Association  
Royal Economic Society

### **Reviewer**

*Agricultural Economics, Agricultural Technology Adoption Initiative, American Journal of Agricultural Economics, Australian Journal of Agriculture and Resource Economics, BASIS, Canadian Journal of Agricultural Economics, Economic Development and Cultural Change, European Journal of Development Research, Food and Agriculture Organization, Food Policy, HarvestPlus, Irrigation and Drainage, Journal of African Economies, Journal of Development Economics, Journal of Development Studies, Journal of Environmental Economics and Management, Journal of International Development, Journal of Population Economics, National Academies of Sciences, Engineering and Medicine, National Science Foundation, Standing Panel on Impact Assessment (CGIAR), World Bank Economic Review, World Development and 3ie.*

## **Career Research Grants**

*Agricultural Technology Adoption Initiative, Asian Development Bank, BASIS-USAID, CARE, DFID/ESRC, European Union, International Fund for Agricultural Development, Food and Agriculture Organization, Helen Keller International, Innovations for Poverty Action, International Food Policy Research Institute, Jacobs Foundation, Millennium Challenge Corporation, Millennium Challenge Account (Mali), Nigeria Bureau of Statistics, Strømme Foundation, 3ie, Understanding Children's Work Program (ILO), USAID, US Department of Labor, William and Flora Hewlett Foundation, World Bank.*

## **Grants since 2012**

1. IFPRI (2017) Credit, Advisory Services and Warehousing to Test Alternative Models of Financial Inclusion (MSU grant \$90,966)
2. Agricultural Technology Adoption Initiative (2017) Rural Finance and Commitment Mechanisms in Agricultural Input Decisions (\$359,077)
3. UCW and EU/Stromme Foundation (2017) Speed School Follow-up Survey
4. Asian Development Bank (2016-17) Innovative Data Collection for Agricultural and Rural Statistics
5. Jacobs Foundation (2016) Transforming Education in Cocoa Communities (MSU subcontract \$12,267)
6. Gates Foundation (2016) Preventing and mitigating periconceptional iron deficiency anemia among women in Ghana through enhanced animal-source food value chains: a formative and feasibility study (with University of Michigan and University of Ghana) (MSU subcontract \$19,518)
7. IMMANA (2015-2017), *Developing an innovative approach to measuring the livelihoods of smallholder farmers and testing critical linkages from farmer livelihoods to nutrition* \$323,797 (MSU subcontract \$81,325) (with PIs Andrew Jones)
8. IFPRI (2014-2015), Agricultural Productivity Growth and Food Security in Pakistan, (MSU grant \$43,388)
9. BASIS AMA-USAID (2014-2016), *Demand and Supply Constraints to Improved Sorghum Technology Adoption and their Gender-Differentiated Effects in Burkina Faso* (with PIs Maria Porter, Melinda Smale, INERA) (MSU Grant \$856,000)
10. Gates Foundation (2013-2017), *Guiding Sustainable Investments in Agricultural Intensification* (with FSG) (MSU Grant \$7.8 million)
11. Hewlett Foundation (2012-2015) Speed School Evaluation
12. ESRC/DFID (2012-2014), *Experimental Estimates of the Impact of Malarial Infection on Agricultural Worker Earnings, Labor Supply and Productivity* (with PIs Oladele Akogun, Jed Friedman, Pieter Serneels) (MSU grant \$334,000)
13. IFPRI (2012), *Nigeria Malaria and Labor Productivity Analysis* (MSU grant \$8,346)

## **Teaching**

*Michigan State University*

AFRE 961: Advanced Agricultural Development	Spring 2017
AFRE 874: Empirical Methods for Field Research in 2017 Developing Countries	Spring 2013, 2014, 2015, 2016, 2017
EEP 260: World Food Population and Poverty	Spring 2016, 2017
<i>Georgetown University, Georgetown Public Policy Institute</i>	
<i>PPOL 700: Thesis Workshop</i>	Fall 2008, 2009
<i>PPOL 701: Thesis Workshop</i>	Spring 2009, 2010

### **Current Students and Placements**

\* indicates major professor

#### **MS**

Eleanor Turner (2013 Placement: UC-Berkley CEGA)  
Thelma Namonje (2014 Placement: Indaba Agricultural Policy Research Institute, Zambia)  
Kendra Levine (2015 Placement: McDonald's Corporate)  
Joshua Gill\* (2015 Placement: MSU Ph.D. program)  
Christopher Root (2017 Placement: USAID Development Consultant)  
Saidah Bakar, Food Science and Human Nutrition  
Elizabeth Ndaba, Food Science and Human Nutrition

#### **Ph.D.**

Hyeongjun Bang (2017 Placement:  
Godwin Debrah  
Joey Goeb (2017 Placement: Ford Motor Company)  
Joshua Gill\*  
Clement Kubuqa, Food Science and Human Nutrition  
Edouard Mensah\*  
Aissatou Ouedraogo\* (2017 Placement: IMMANA Post-doctoral Fellowship)  
Sabrina Perlman, Anthropology  
Ashesh Prasann\* (2016 Placement: World Bank, Young Professionals Program)  
Sarah Kopper\*  
Jina Yu  
Sangwha Shin, Economics (2014 Placement: Korea Institute of Public Finance)

### **Department Service**

1. Master's Thesis Selection Committee, 2015
2. Development Field Exam Chair; 2014, 2016, 2017
3. ICT4D/Development Economics Search Committee, 2013-2014
4. Department Advisory Committee, 2013-2015
5. Graduate Policy Committee, 2012-2013, 2015-16, 2016-1017 (chair)
6. Development Field Exam Committee Member, 2012, 2013
7. Development Economics Brown Bag, co-organizer 2012-present

### **Languages**

English (native), French (advanced), Bambara (proficient in Malian local language)