

# Lila M. Cardell

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## EDUCATION

**Degree:** Doctor of Philosophy (Ph.D)

**Concentration:** Agricultural and Applied Economics

**University Name:** University of Illinois at Urbana-Champaign

**Date of Matriculation:** Aug 2016

**Date of Graduation:** December 2021 (expected)

**Grade Point Average (GPA):** 3.95

**Location:** Urbana, IL, USA

**Relevant Coursework:** Microeconomic Theory, Statistics and Econometric Methods, Development Economics, Labor Economics, Applied Microeconometrics, Hierarchical Linear Modeling, Data Science for Applied Economists

**Positions and Awards:** Jonathan Baldwin Turner (JBT) Fellowship (2016-2019), Ranked as Excellent on Teaching Evaluations in Fall 2018 (Grad Economics) and Fall 2020 (Undergraduate World Food Economy)

**Degree:** Master of Science (M.S.)

**Concentration:** Agricultural Economics and International Nutrition

**University Name:** University of California at Davis

**Date of Matriculation:** Sept 2014

**Date of Graduation:** Dec 2015

**Grade Point Average (GPA):** 3.5

**Location:** Davis, CA, USA

**Relevant Coursework:** Microeconomic Theory, Statistics and Econometric Methods, Applied Research Methods, Introduction to Nutrition and Metabolism, Real Analysis, Development Economics, Animal Biochemistry and Metabolism

**Degree:** Master of Public Administration (M.P.A)

**Concentration:** Economic and Financial Policy

**University Name:** Cornell University, Cornell Institute for Public Affairs

**Date of Matriculation:** Aug 2012

**Date of Graduation:** May 2014

**Grade Point Average (GPA):** 3.85

**Location:** Ithaca, NY, USA

**Relevant Coursework:** International Trade Policy, Microeconomics for International Development, Food Policy for Developing Countries, Development Economics, Public Finance Microeconomics, Inferential Statistics, Econometrics, International Program Evaluation, Research in Emerging Markets, Mixed Methods Evaluation for Public Organizations, Geographic Information Systems (GIS), Empirical Analysis of Household Surveys for Health, Poverty, and Nutrition

**Positions and Awards:** Steering Committee member, Dilmun Hill Student Farm; CIPA Admissions Ambassador; Fellowship Award \$30,000 annually

**Degree:** Bachelor of Science (B.S)

**Concentration:** Finance and Accounting

**University Name:** New York University, Stern School of Business

**Date of Matriculation:** Aug 2002

**Date of Graduation:** May 2005

**Grade Point Average (GPA):** 3.11

**Location:** New York, NY, USA

**Relevant Coursework:** Global Business Policy, Financial Reporting and Analysis, Organizational Communication, Financial Accounting, Managerial Accounting, Law, Business, and Society, Information Technology in Business

**Positions and Awards:** Beta Alpha Psi, National Honors Accounting Society; Fellowship Award \$4,000 annually

## **PUBLICATIONS**

- “Farm Bill Politics: Exploring the Outdated Relationship between Supplemental Nutrition Policy and Agriculture Subsidies.” *Cornell Policy Review*, Spring 2013 Issue.

## **WORKING PAPERS**

- Cardell, L. and Michelson, H. 2020 “Farmers opt out of storage because it’s risky: A new explanation for a long-standing puzzle.” Working Paper, University of Illinois at Urbana-Champaign
- Cardell, L. and Lentz, E. 2020 “How does the choice of method influence differences in intrahousehold nutritional status? A close examination of nutrition measures and methods from Bangladesh ”
- Cardell, L. 2019 “Spilt Milk: Measuring the Indirect Effects of Livestock Ownership in Rural Zambia”

## **INVITED PRESENTATIONS AND POSTERS**

- Cardell, L. and Michelson, H. “Negative returns are a general explanation for failure to exploit temporal arbitrage” *Selected paper presented at the 2020 North East Universities Development Consortium , virtual, November 6-7.*
- Cardell, L. and Michelson, H. “Sell Low, Buy Low: A New Explanation for a Persistent Puzzle” *Selected paper presented at the 2020 Agricultural & Applied Economics Association Meeting, virtual, August 10-11.*
- Cardell, L. and Michelson, H. “Sell Low, Buy Low: A New Explanation for a Persistent Puzzle” *Selected paper presented at the 2020 Midwest International Economic Development Conference (MIEDC), virtual, April 17.*
- Cardell, L. “Spilt Milk: Measuring the Indirect Effects of Livestock Ownership in Rural Zambia” *Selected paper presented at the 2019 Agricultural & Applied Economics Association Meeting, Atlanta, Georgia, July 21-23.*
- Cardell, L. “Spilt Milk: Measuring the Indirect Effects of Livestock Ownership in Rural Zambia” *Selected poster presented at the 2019 Agriculture for Nutrition and Health (ANH) Academy Week annual meeting, Hyderabad, India, June 24-28.*

## **SERVICE**

- Mentor, UIUC Undergraduate Research Apprenticeship Program (2021)
- Graduate Student Member, UIUC ACE Department Grievance Committee (2021)
- Reviewer, *American Journal of Applied Economics* (2020)
- Reviewer, Agricultural & Applied Economics Association Annual Meeting (2019)
- Volunteer Mentor, Girls Go For It (2018)

## **TEACHING EXPERIENCE**

- Consumer Economics (undergraduate, UIUC), Teaching Assistant for Prof. Craig Gundersen (Spring 2021)
- World Food Economy (undergraduate, UIUC), Teaching Assistant for Prof. Craig Gundersen (Spring 2020) and Prof. Hope Michelson (Fall 2020)
- Applied Economic Theory (graduate, UIUC) Teaching Assistant for Prof. Teresa Serra (Fall 2018) and Prof. William Ridley (Fall 2019)
- Issues in Public Administration (graduate, Cornell University), Teaching Assistant for Prof. Thomas O’Toole (Fall 2013)
- Managerial Marketing (undergraduate, UC Davis), Grader for Prof. Kristin Kiesel (Fall 2015)

## **SOFTWARE**

- R, STATA, Python, GitHub, Microsoft Office

## WORK EXPERIENCE

**Start Date:** Aug 2016

**End Date:** current

**Position Title:** Research Assistant

**Name of Employer:** University of Illinois at Urbana-Champaign

**Location:** Urbana, Illinois.

**Hours per week:** 20-40 hours/week

**Salary/Grade:** \$1800 monthly

**Person Reported to:** Hope Michelson, Associate Professor, University of Illinois at Urbana-Champaign

**Contact Information:** hopecm@illinois.edu

### Research Projects:

Heifer International Livestock Evaluation:

- designed and collected the final round of a multi-year household survey evaluating agricultural, nutrition, and other individual and household-level livelihood outcomes from a livestock intervention in Zambia
- reviewed the existing literature on survey methodology, designed and piloted new modules, held workshops to train enumerators in the field to implement the survey
- organized eight rounds of data and applied statistical methods to draft an academic paper to submit to a peer-reviewed journal

The effect of risk aversion on maize storage uptake:

- analyzed 20 years of maize prices from 831 retail markets in 25 countries, along with harvest and planting dates, to identify inter and intra-temporal trends in returns to storage
- simulated decision-making over a range of risk aversion coefficients to estimate the likelihood that commodity price risk aversion accounts for smallholder farmers opting out of maize storage, in combination with multi-year credit constraints
- interpreted results from statistical analysis for an academic paper submitted to a peer-reviewed journal

Intrahousehold nutrient inequality:

- prepared two rounds of the Bangladesh Integrated Household survey (~5000 households and ~20,000 individuals) and created tables, charts, and graphs to compare methods for measuring nutrient inadequacy and inequality
- used machine learning methods to identify household and individual characteristics that correlate with various methods of measuring nutrient inadequacy and inequality, along with food security measures
- interpreted results from statistical analysis for an academic paper ready for submission to a peer-reviewed journal

**Start Date:** Dec 2015

**End Date:** July 2016

**Position Title:** Consultant

**Name of Employer:** World Bank

**Location:** Washington, D.C.

**Hours per week:** 40-60 hours/week

**Salary/Grade:** \$259/daily

**Person Reported to:** Sara Savastano, Senior Economist, Global Indicators Group, Development Economics

**Contact Information:** [ssavastano@worldbank.org](mailto:ssavastano@worldbank.org)

**Description:** The Development Economics Vice Presidency (DEC) is the research and development arm of the World Bank. Within this Vice Presidency, the Global Indicators Group produces quantitative indicators and datasets. This unit partnered with the Agriculture Global Practice to improve data availability on the business environment for agriculture through the Enabling the Business of Agriculture (EBA) project. The most recent report, published in February 2017, covered 62 countries and 12 topics (access to land, seeds, fertilizer, machinery, finance, markets, water, ICT, land, livestock, environmental sustainability, gender and transport of agricultural goods.)

- Assembled and managed data from LSMS and other household survey sources from 6 developing countries
- Applied statistical methods to perform economic analyses and produced empirical results for the EBA 2017 report
- Drafted a literature review of peer-review journal articles related to the inclusion, transparency, and effectiveness of land regulations

**Start Date:** Jul 2014

**End Date:** Oct 2014

**Position Title:** Consultant

**Name of Employer:** World Bank

**Location:** Washington, D.C.

**Hours per week:** 40-60 hours/week

**Salary/Grade:** \$236/daily

**Person Reported to:** Cesar Chapparo, Manager, Global Indicators Group / Agriculture and Environmental Services

**Contact Information:** [cchapparoyedro@worldbank.org](mailto:cchapparoyedro@worldbank.org)

**Description:** see above

- Developed the methodology and drafted a written guide for the selection of agricultural products and country-specific locations for inclusion in EBA annual surveys to support robust comparative analysis of survey indicators
- Researched indicators to identify sources of data and methodological approaches to cross-national comparative analysis
- Assembled a database of national and sub-national production and trade data for 40 selected countries
- Analyzed data using methodology to select products and locations for inclusion in annual surveys

**Start Date:** Jun 2013

**End Date:** Aug 2013

**Position Title:** Intern

**Name of Employer:** World Food Programme

**Location:** Rome, Italy

**Hours per week:** 40 hours/week

**Salary/Grade:** \$5600 stipend

**Person Reported to:** Annalisa Conte, Deputy Director of Policy, Programme, and Innovation

**Contact Information:** [annalisa.conte@wfp.org](mailto:annalisa.conte@wfp.org)

**Description:** The World Food Programme (WFP) is the UN agency providing food assistance globally. The Policy, Programme, and Innovation (PPI) division develops innovative ways to address food insecurity through multi-unit approaches and public-private partnerships.

- Analyzed WFP agriculture, nutrition and voucher initiatives and policies through document review and interviews with internal and external staff in order to identify opportunities and challenges for integration of initiatives
- Performed external research and drafted a report of current nutrition-sensitive agriculture interventions
- Developed a proposal for a specific pilot project to test the integration of initiatives in a unified value chain in the field including the framework for a monitoring and evaluation plan

**Start Date:** Jan 2013

**End Date:** Apr 2013

**Position Title:** Consultant

**Name of Employer:** CIIFAD/GABA Rice Project

**Location:** Na Ngoi, Thailand and Ithaca, NY

**Hours per week:** 10-20 hours/week

**Salary/Grade:** \$1200 stipend

**Person Reported to:** Ralph Christy

**Contact Information:** [rdc6@cornell.edu](mailto:rdc6@cornell.edu)

**Description:** CIIFAD is the Cornell International Institute Food and Development, which supports multidisciplinary research teams focused on sustainable global development. The GABA Rice Project consists of 68 members, 12 of which process germinated GABA rice for sale in local markets.

- Assessed the current production process through interviews, surveys, direct observation, and re-performance
- Drafted an operations guide to support increases in production efficiency and marketing capacity
- Provided strategies to support improvements in organizational communication and collective administration
- Researched the germinated rice production industry to identify market trends and opportunities for expansion

**Start Date:** Nov 2010  
**End Date:** Aug 2012  
**Position Title:** Senior Finance and Operations Analyst  
**Name of Employer:** Community Environmental Center  
**Location:** Long Island City, NY, USA  
**Hours per week:** 40-60 hours/week  
**Salary/Grade:** \$70,000 annually  
**Person Reported to:** Ken Daniels, Chief Financial Officer  
**Contact Information:** [kdaniels@cecenter.org](mailto:kdaniels@cecenter.org) 1(718) 784-1444

**Description:** Community Environmental Center (CEC) is a nonprofit based in New York focused on low-income home weatherization. Build it Green!NYC (BIG) is a multi-store \$1.5 million retail subsidiary of CEC, reselling surplus and salvaged building materials to support environmental education initiatives.

#### Grant Administration and Monitoring

- Administered a \$3 million federal Department of Energy grant with a 3:1 leverage funding innovative techniques in low income home weatherization
- Drafted comprehensive internal procedures manual and monitoring guidelines
- Revised contracts to comply with the United States Code of Federal Regulations
- Produced quarterly program and financial evaluation reports for submission to the Department of Energy
- Performed internal evaluations, budgeting, and analysis
- Monitored four subrecipients providing outreach and technical support for the project

#### Finance and Operations

- Managed program and financial reporting, accounting, budgeting and analysis for Build it Green!NYC
- Oversaw fiscal sponsorship and provided financial and operational support to two local composting initiatives

**Start Date:** June 2010  
**End Date:** Nov 2010  
**Position Title:** Volunteer and Marketing Coordinator  
**Name of Employer:** AmeriCorps / NYC CoolRoofs  
**Location:** Long Island City, NY, USA  
**Hours per week:** 40-50 hours/week  
**Salary/Grade:** stipend  
**Person Reported to:** Justin Green, Program Director  
**Contact Information:** [justin@bignyc.org](mailto:justin@bignyc.org) 1(718) 777-0132 ext 23

**Description:** AmeriCorps is a U.S. government program providing opportunities to fight domestic poverty. NYC CoolRoofs is a partnership of the NYC Department of Buildings, NYC Service, and the Community Environmental Center, with the goal of reducing energy use, cooling costs, and carbon emissions by coating rooftops with a reflective white coating.

- Designed and implemented a comprehensive marketing and outreach strategy to recruit and engage volunteers for the NYC CoolRoofs program, a partnerships of the NYC Department of Buildings and NYC Service
- Restructured program operations to improve cross-agency communications and overall project capacity by 200%
- Managed diverse groups of corporate volunteers, workforce groups, and citizens to coat rooftops across NYC
- Leveraged relationships to build a network of volunteers, nonprofit organizations and other supporters of the program

**Start Date:** Sept 2008  
**End Date:** Sept 2010  
**Position Title:** Program and Fundraising Consultant  
**Name of Employer:** StartingBloc NFP  
**Location:** New York, NY, USA  
**Hours per week:** 20-40 hours/week  
**Salary/Grade:** stipend

**Person Reported to:** Adriana Pentz, Executive Director

**Contact Information:** available upon request

**Description:** StartingBloc is a non-profit that educates and connects emerging leaders to drive social change across sectors through the StartingBloc Institutes for Social Innovation, held annually in New York, Boston, and London.

Program Consulting: Alumni Engagement and Recruitment

- Designed a long-term strategy to engage the 1400 alumni of StartingBloc Institutes in 8 regional locations
- Developed a guide for the operations of regional boards, including fundraising and communication activities
- Designed the 2008 national recruitment campaign for StartingBloc's Institutes for Social Innovation, annual conferences held globally for 100 emerging leaders selected through an application process
- Identified, cultivated, and influenced top students and professionals to apply to the Institutes
- Evaluated the effectiveness of individual campus strategies and the overall recruitment campaign in efforts to increase the amount of highly qualified applicants by 200% from the previous year

**Start Date:** Aug 2005

**End Date:** Aug 2008

**Position Title:** Senior Analyst

**Name of Employer:** Ernst & Young LLP, FIDS

**Location:** based in New York, NY, USA with extensive domestic travel

**Hours per week:** 60-70 hours/week

**Salary/Grade:** \$68,000

**Person Reported to:** Chris Sercy, Principal

**Contact Information:** available upon request

**Description:** Ernst & Young is a professional services firm. The Fraud Investigations and Dispute Services (FIDS) department provides investigatory and compliance services to domestic and international clients.

Primary Responsibilities:

- Managed cross-functional teams of accountants, finance and legal professionals to resolve financial disputes
- Executed timely research and concise analysis of state and federal guidelines that might affect E&Y clients
- Managed the recruiting initiative for staff consultants and interns from New York University
- Rated highly effective (4/5) in my peer group in all performance cycles and received 3 recognition awards for high performing analysts

Selected Compliance and Monitoring Engagements:

- Developed formal internal control and monitoring procedures for a National Television Network to ensure compliance with federal communications regulations. Subsequently managed a team of 3 people to perform independent semiannual evaluations of procedures
- Designed Sarbanes-Oxley internal controls monitoring process for a truck manufacturer as required by SEC
- Guided an international telecommunications company through a financial restatement by monitoring all manual accounting entries over \$1 million in value and issuing monthly compliance evaluations
- Performed annual valuation and custody testing of credit default swaps and other options for a hedge fund as part of annual audit requirements for investors

Selected Fraud Investigations engagements:

- Assisted an Energy company by re-performing valuations of various products and services through activity-based costing in order to verify the accuracy of their financial statements
- Investigated an international shipping company for violations of the Foreign Corrupt Practices Act through document review, systems testing, and interrogations of senior personnel