

Department of Food, Agricultural and Resource Economics

M.Sc. THESES

| NAME | YEAR | TITLE OF THESIS |
|-----------------------|------|--|
| Sun, Zhenhua | 2017 | What Drives More in Business Performance? Differentiating The Effects of Risk-Aversion and Overconfidence Among Agricultural Enterprises (Advisors: Jessica Cao and Alfons Weersink) |
| Grant, Alison | 2017 | Estimating the Marginal Effect of Pits and Quarries on Rural Residential Property Values in Wellington County, Ontario: A Hedonic Approach (Advisor: Brady Deaton) |
| Chen, Chen | 2017 | Assessing Informational Impacts on Consumer Willingness To Pay for Eggs from Animal Welfare Enhanced Production Systems Using Discrete Choice Experiment (Advisors: Jessica Cao and John Cranfield) |
| Collishaw, Anissa | 2017 | Willingness-to-pay for a Small Quantity Lipid-based Nutrient Supplement by Mothers of Young Infants in Malawi (Advisor: Spencer Henson) |
| Tia, Asalwe Edwige | 2017 | Inheritance, Tenure Security and the Functioning of Rental Markets in Rural Pakistan (Advisors: Brady Deaton and Getu Hailu) |
| Pribic, Lana | 2017 | Barriers to Building Trust When Communicating About Agricultural Biotechnology: The Role of Confirmation Bias (Advisor: Andreas Boecker) |
| Arntz-Gray, Regan | 2016 | How has the Relationship Between Corn Yield and Precipitation Changed Over Time (Advisor: Alan Ker) |
| Yang, Lin | 2016 | An Economic Analysis of Potential Benefits of Livestock Traceability Systems for Trade Embargo Scenarios that Are Linked to Animal Disease Outbreak Durations (Advisor: Andreas Boecker) |
| Dayananda, Chathurika | 2016 | Technical and Environmental Efficiencies of Ontario Dairy Farming Systems (Advisor: Alfons Weersink) |
| Piedrahita, Natalia | 2016 | Export Orientation and Productivity in Canada's Food Manufacturing Industry (Advisor: Getu Hailu) |
| Ferner, Emma | 2016 | Modeling Withdrawal from AgriStability by Ontario Beef Farmers: An Application of Prospect Theory (Advisors: Jessica (Ying) Cao & Alfons Weersink) |
| Muntasir, Nafis | 2016 | Economic Assessment of Corn-based Plastic Packaging Products (Advisor: Alfons Weersink) |

| | | |
|----------------------------|------|---|
| Leslie, Jennifer | 2016 | Farmer Nutrient Management Decisions: A Study of Farms In the Gully Creek Watershed in Southern Ontario (Advisor: Alfons Weersink) |
| Agnew, Jessica | 2016 | Market Based Solutions for Addressing Nutritional Deficiencies: The Case of Grameen Danone Foods Limited (Advisor: Spencer Henson) |
| Brennan, Emily | 2016 | Efficiency and Financial Capital Constraints in Agricultural Marketing and Processing Co-operatives in Canada (Advisor: Getu Hailu) |
| Worden, David | 2016 | Reducing Peaks in Drinking Water Demand: Estimating The Cost Savings of Delaying Water System Capacity Expansions in the City of Guelph (Advisor: Brady Deaton) |
| Asuncion, Carl | 2016 | Assessing the Impact of Urban Centres on Farmland Values And Farmland Rental Rates in Southwestern Ontario: A Hedonic Approach (Advisor: Brady Deaton) |
| Balasubramaniam, Nishanthy | 2015 | Heterogeneity of Food Consumption Pattern Among Different Ethnic Groups in Ontario, Canada (Advisor: John Cranfield) |
| Weng, Longfeng | 2015 | An Economic Evaluation of Intervention Strategies for Porcine Epidemic Diarrhea (Advisors: Alfons Weersink & Zvonimir Poljak) |
| Damalie, Ernest | 2015 | Assessing the Impact of Food Safety Regulations on the Performance of Canadian Agri-Food Exporters (Advisor: Spencer Henson) |
| Wang, Yi | 2015 | An Economic Analysis of Rural Land Use Policies in Ontario (1951-2014) (Advisor: Glenn Fox) |
| On, Joceline | 2015 | Trade Liberalization and the Implications on the Canadian Industrial Dairy Sector (Advisor: Alan Ker) |
| Chen, Ying | 2015 | An Economic Analysis of Factors Influencing the Adoption Of the First Nations Land Management Act and the Consequences of Adoption (Advisor: Brady Deaton) |
| Rollins, Emily | 2015 | Does the US Use Food Safety Regulation as a Disguised Barrier to Trade? Evidence from Canadian Agri-food Commodity Exports (Advisor: Spencer Henson) |
| Lai, Zili | 2015 | Capacity Utilization and Productivity Analysis in the Canadian Food Manufacturing Industry (Advisor: Getu Hailu) |
| Egler, Megan | 2015 | The Effects of Emergency and Non-Emergency Food Aid Flows on Poverty in Sub-Saharan Africa (Advisor: Rakhil Sarker) |

| | | |
|----------------------------|------|--|
| Luo, Qin | 2015 | Farmland Rental Contracts: Why do some contracts stipulate production practices in Ontario & Manitoba? (Advisor: Brady Deaton) |
| Bishop, Erin | 2015 | Incentivizing Beneficial Management Practice Adoption to Improve Groundwater Quality in Prince Edward Island: An Economic – Hydrologic Modelling Approach (Advisor: Alfons Weersink) |
| Daly Kindsvater, Sebastian | 2014 | Participatory Plant Breeding in Honduras: An Economic Impact Assessment (Advisors: Getu Hailu & Sally Humphries) |
| Afum, Patrick | 2014 | Economic Assessment of Compliance Costs for Laying Hen Farmers Under the Nutrient Management Act & Clean Water Act of Ontario (Advisor: Glenn Fox) |
| Wang, Jinrui | 2014 | Modeling Ontario Agricultural Commodity Price Volatility With Mixtures of FARCH Processes (Advisor: Alan Ker) |
| Campbell, Michael | 2014 | Better Watch Your Ash: An Economic Analysis of Alternative Detection Strategies for Emerald Ash Borer (Advisors: Alfons Weersink & Dan McKenney) |
| Liu, Yong | 2014 | Rating Area-Yield Crop Insurance Contracts Using Bayesian Model Averaging & Mixture Models (Advisor: Alan Ker) |
| Chen, Jianqing | 2014 | Ex Ante Evaluation of the Economic Impact of Adopting Genomic Selection: The Case of Beef Cattle in Canada (Advisor: John Cranfield) |
| Ma, Zhaohui (Crystal) | 2014 | Financial Feasibility of Light Weight & Recyclable Sustainable Green Composites from Engineered Soy Hull & Bio-ABS for Transportation Applications (Advisors: Alfons Weerink & Manjusri Misra) |
| Zheng, Yihong | 2014 | Consumer Preference & Willingness to Pay for Locally Produced, Organic Food: A Stated Choice Approach (Advisor: John Cranfield) |
| Kelly, Liam | 2014 | An Assessment of Land Tenure Security on Haiti's Central Plateau: Implications for Farm-level Investments (Advisor: Brady Deaton) |
| Hawkins, James | 2014 | Cost Effective Greenhouse Gas Mitigation in the Ontario Dairy Sector (Advisor: Alfons Weersink) |
| Jacques, David | 2014 | Farm Level Economic Analysis of Water Conservation & Water Use Efficiency Technologies in Ontario Commercial Agricultural Production (Advisor: Glenn Fox) |

| | | |
|------------------|------|---|
| Wang Weiguang | 2014 | Two Essays on Stated Choice Analysis of Demand of Eggs From Enhanced Animal Welfare Production Systems (Advisor: John Cranfield) |
| Yu, Xi | 2014 | Risk Attitudes, Social Interactions and the Adoption of Genotyping in Dairy Production (Advisors: Getu Hailu & Jessica Cao) |
| Hope, Emily | 2014 | A Stochastic Capital Budgeting Model to Aid in the Selection Of Fuels & Appliances for Rival Ontario Broiler Chicken Producers (Advisors: Alfons Weersink & Bill Van Heyst) |
| Woods, Bethany | 2014 | Do Water Provision Contracts Between Municipalities & Canadian First Nations Reduce Drinking Water Risk? (Advisor: Brady Deaton) |
| Li, Shuang | 2014 | Climate Change and Crop Production Insurance in Ontario (Advisor: Alan Ker) |
| Yang, Jing | 2014 | Optimizing Forest Regeneration Decisions Under An Uncertain Future Climate: A Case Study of Black Spruce & White Pine in Ontario (Advisors: Alfons Weersink & Dan McKenney) |
| Kelly, Jessica | 2014 | The Farm Share in Canada from 1997 to 2010: Identifying Trends in Value Distribution Along the Agri-Food Supply Chain (Advisors: Alfons Weersink and John Cranfield) |
| Tsang, Kelvin | 2014 | How Local is Locally Produced Food? A Choice Analysis on Red Tomatoes and Gala Apples (Advisor: John Cranfield) |
| Nadella, Karthik | 2014 | An Examination of the Adoption of Conservation Practices on Owned and Rented Farmland in Ontario and Manitoba (Advisors: Brady Deaton & Chad Lawley) |
| Wilkes, Johanna | 2013 | Does Non-Emergency Food Aid Have an Adverse Affect on Food Production and Producer Prices in sub-Saharan Africa? (Advisor: Rakhal Sarker) |
| Tolhurst, Tor | 2013 | Econometric Models of Crop Yields: Two Essays (Advisor: Alan Ker) |
| Lu, Yiqing | 2013 | Consumer Preference for Eggs from Enhanced Animal Welfare Production System: A Stated Choice Analysis (Advisor: John Cranfield) |
| Doidge, Mary | 2013 | Institutional Change on Canadian First Nation Reserves: Adoption of the Framework Agreement on First Nation Land Management |
| Zheng, Yi | 2013 | Adoption of Total Mixed Ration Practice and Profitability: The Case of Ontario Dairy Farms (Advisor: Getu Hailu) |

| | | |
|------------------------|------|---|
| Coatsworth, Brook | 2012 | Wetland Conservation in Southern Ontario: Exploring A Modified Club Goods Approach (Advisor: Glenn Fox) |
| Haque, Iftexharul | 2012 | The Effects of Exchange Rate and Commodity Price Volatilities on Trade Volumes of Major Agricultural Commodities (Advisor: Getu Hailu) |
| Albrecht, Derek | 2012 | Measuring the Compliance Cost of Environmental Regulations of Beef Cattle Farms in Ontario (Advisor: Glenn Fox) |
| Guillemette, Ann-Renee | 2012 | The Path of the Law: An Econometric Analysis of Ontario Municipal Board Decisions on Land Severance Appeals (Advisors: Alan Ker & Brady Deaton) |
| Xie, Xin | 2012 | Nutrient Management Regulation and Farm Level Profitability: The Case of Ontario Dairy Farms (Advisors: Getu Hailu & Brady Deaton) |
| Elskamp, Rebecca | 2012 | Do Efficient Dairy Producers Purchase Quota? (Advisor: Getu Hailu) |
| Tavchandjian, Nicolas | 2012 | Agri-food Disputes in the WTO: Determining the Likelihood of Participation (Advisor: Alan Ker) |
| Ai, Di | 2012 | Hedging Effectiveness of Constant and Time-varying Hedge Ratios Using Futures Contracts: The Case of Ontario and Alberta Feedlot Industries (Advisor: Getu Hailu) |
| Xie, Xin | 2012 | Nutrient Management Regulation and Farm Level Profitability: The Case of Ontario Dairy Farms (Advisors: Getu Hailu & Brady Deaton) |
| Anderson, Robert | 2012 | The Economics of Anaerobic Digester Technology for Ontario Farmers (Advisor: Alfons Weersink) |