

## MARY DOIDGE

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### ACADEMIC EMPLOYMENT EXPERIENCE

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**Postdoctoral Research Associate**, The Ohio State University, Columbus OH  
School of Environment and Natural Resources  
Dr. Robyn Wilson June 2018-present

**Graduate Research Assistant**, Michigan State University, East Lansing, MI  
Agricultural, Food, and Resource Economics  
Dr. David Hennessy September 2015-December 2017

**Graduate Research Assistant**, Michigan State University, East Lansing, MI  
Agricultural, Food, and Resource Economics  
Dr. Eric Scorsone August 2013-August 2015

**Graduate Research Assistant**, University of Guelph, Guelph ON  
Food, Agricultural, and Resource Economics  
Dr. Brady Deaton, Jr. May 2012-May 2013

### EDUCATION

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**Doctor of Philosophy**, Agricultural, Food, and Resource Economics  
Michigan State University, East Lansing MI June, 2018  
Dissertation title: *Farmers' Behaviour in the Face of Uncertainty - A Behavioural Economics Approach to Farmers' Land and Insurance Decisions*  
Advisors: Dr. David A. Hennessy and Dr. Hongli Feng

**Master of Science**, Food, Agricultural, and Resource Economics  
The University of Guelph, Guelph, ON May, 2013  
Thesis title: *Institutional Change on Canadian First Nation Reserves: Adoption of the Framework Agreement on First Nation Land Management*  
Advisor: Dr. Brady Deaton, Jr.

**Bachelor of Arts**, International Development  
The University of Guelph, Guelph, ON May, 2011  
Field of emphasis: *Economic and Business Development*

**Bachelor of Science**, Biomedical Science  
The University of Guelph, Guelph, ON May, 2003

## **PUBLICATIONS**

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Schweikhardt, D., Scorsone, E.A., and Doidge, M. 2015. Commons, Coase, and the Unchanging Nature of the Social Provisioning Process. *Journal of Economic Issues*, 49(2): 459-466.

Doidge, M., Deaton, B.J. and Woods, B. 2013. Institutional Change on First Nations: Examining Factors Influencing First Nations' Adoption of the Framework Agreement on First Nation Land Management. *Journal of Aboriginal Economic Development*, 8(2): 70-78.

## **ACCEPTED**

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Doidge, M., Feng, H., and Hennessy, D.A. Rationality of weather predictions and insurance purchases: A test of the gambler's and hot hand fallacies based on framed experiments with farmers. Accepted at *Applied Economics*

## **WORK IN PROGRESS**

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Doidge, M., Feng, H., and Hennessy, D.A. Farmers' valuation of crop insurance coverage level: A test of third generation prospect theory.

Doidge, M., Hennessy, D.A, and Feng, H. Role of Economic Returns in Land Use Change: Evidence from Farm-Level Data

Doidge, M., Feng, H., and Hennessy, D.A. The role of regret in farmers' land conversion decisions.

Doidge, M., Wilson, R., and Beetstra, M. Determinants of best management practice adoption among farmers in the Western Lake Erie Basin.

Doidge, M., Irwin, E., Wilson, R., and Sintov, N. Human Behaviour and Adaptations in Food, Energy, and Water Systems (book chapter).

## **REPORTS AND POPULAR PRESS**

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Doidge, M., Feng, H., Hennessy, D.A., Black, J. R., and Edwards, W. M. Farmers' Crop Insurance Choices in Iowa and Michigan: Survey Summary. MSU Staff Paper, August 2017.

Doidge, M., Feng, H., Hennessy, D.A., Black, J. R., and Edwards, W. M. Crop insurance: What's your motivation? Michigan Farm News, August 28, 2017. <https://www.michfb.com/MI/Farm-News/Crop-insurance-Whats-your-motivation/>

Scorsone, E., Padilla, S., Kaminski, D., and Doidge, M. Legacy Costs Facing Michigan Municipalities. MSU Extension White Paper, January 8, 2016.

Sapotichne, J., Rosebrook, E., Scorsone, E.A., Kaminski, D., Doidge, M., and Taylor, T. Beyond State Takeovers: Reconsidering the Role of State Government in Local Financial Distress, with Important Lessons for Michigan and its Embattled Cities. MSU Extension White Paper, August 31, 2015.

Doidge, M., Scorsone, E.A., Taylor, T., Sapotichne, J., Rosebrook, E., and Kaminski, D. The Flint Fiscal Playbook: An Assessment of the Emergency Manager Years (2011-2015). MSU Extension White Paper, July 31, 2015.

### **SELECTED PRESENTATIONS**

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“Farmers’ valuation of crop insurance coverage level: A test of third generation prospect theory.” (with H. Feng and D. A. Hennessy) Presented at the 2018 Agricultural and Applied Economics Association (AAEA) Annual Meeting, Washington D.C., August 7, 2018.

“Building farmer efficacy to promote voluntary adoption of best management practices.” (with R. Wilson and M. Beetstra) Presented at the 2018 Conference of the International Association for Great Lakes Research, Scarborough ON, June 22, 2018.

“Land conversion decisions in the Prairie Pothole Region: a closer look at the roles of economic returns, conversion costs, and other motivations.” (with H. Feng and D. A. Hennessy) Presented at the 2018 Symposium on Global Change and Agroecosystems, East Lansing MI, January 15, 2018.

“Evidence of the gambler’s and hot hand fallacies in farmers’ market and weather predictions.” (with H. Feng and D. A. Hennessy) Presented at the 2017 AAEA Annual Meeting, Chicago IL, July 31, 2017.

“Farmers’ valuation of changes in crop insurance coverage level: An application of third generation prospect theory.” (with H. Feng and D. A. Hennessy) Presented at the 2017 Canadian Agricultural Economics Society (CAES) Annual Meeting, Montreal QC, June 19, 2017.

“Farmers' revenue condition predictions: Evidence of the gambler's fallacy?” (poster, with H. Feng and D. A. Hennessy) Presented at the 2017 Southern Ontario Behavioural Decision Research Conference, Kingston ON, May 12, 2017.

“A behavioural approach to land use changes in North and South Dakota.” Presented at the 2016 Climate, Food, Energy and Water Climate Change Symposium, East Lansing MI, November 8, 2016.

“Land Conversion Decisions in North and South Dakota: The potential role of regret.” Presented at the 2016 MSU AFRE Graduate Student Symposium, March 18, 2016. (*Winner, Best Presentation, Research Ideas category*)

## **TEACHING EXPERIENCE**

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### **Guest Lectures**

- ENR 3400: Psychology of Environmental Problems – Guest lecture, Fall 2018. Loss aversion and temporal discounting.
- ABM 203: Data Analysis Agri-Food System – Guest lecture, Spring 2018. Charts and data visualization.
- AFRE 802: Statistical Methods for Agricultural, Food, and Resource Economists – Guest lectures (2), Fall 2017. Estimation methods and hypothesis testing (graduate level).

### **Teaching and Grading Assistant**

- EEP 2600: World Food, Population, and Poverty – Grading assistant, Fall 2015.
- FARE 1300: Food, Poverty, and Hunger – Teaching Assistant, Spring 2012.
- FARE 2400: Economics of the Canadian Agri-Food System – Teaching Assistant, Fall 2011.

## **AWARDS**

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- AAEA Institutional, Behavioural, and Experimental Section Outstanding Graduate Student Paper Competition winner, Summer 2018
- Michigan State University Environmental Science and Policy Program (ESPP) Climate, Food, Energy and Water Summer Research Fellowship, Summer 2016
- University of Guelph Board of Graduate Studies Research Scholarship, Winter 2012
- University of Guelph Board of Graduate Studies Research Scholarship, Winter 2011

## **AFFILIATIONS**

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Member, Canadian Agricultural Economics Society (CAES)  
Member, Agricultural and Applied Economics Association (AAEA)

## **SERVICE**

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Member, AFRE Graduate Student Organization

2017-2018 academic year	Orientation chair
2016-2017 academic year	Vice-president
2015-2016 academic year	Graduate student building representative
2014-2015 academic year	Co-op treasurer

## **CITIZENSHIP**

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Canadian

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## REFERENCES

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Dr. David A. Hennessy, Ph.D. dissertation co-chair  
Professor and Elton R. Smith Chair in Food and Agricultural Policy  
Department of Agricultural, Food, and Resource Economics  
Michigan State University  
[hennes64@msu.edu](mailto:hennes64@msu.edu)  
517 353-2128

Dr. Hongli Feng, Ph.D. dissertation co-chair  
Associate professor  
Department of Agricultural, Food, and Resource Economics  
Michigan State University  
[hennes65@msu.edu](mailto:hennes65@msu.edu)  
517 884-8520

Dr. Robert Myers, Ph.D. dissertation committee member  
Associate Chairperson, Graduate Program Director, and University Distinguished  
Professor  
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