

## Alan P. Ker (short CV)

Professor, Department of Food, Agricultural and Resource Economics  
Managing Editor, *Canadian Journal of Agricultural Economics*  
OAC Research Chair in Agricultural Risk and Policy  
Director, Institute for the Advanced Study of Food and Agricultural Policy

### EDUCATION

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- 1992.8 - 1996.3 Ph.D. in ECONOMICS and STATISTICS (co-major)  
North Carolina State University, Raleigh, North Carolina  
Dissertation: *Rating and Yield Predicting Procedures for the Group Risk Federal Crop Insurance Program: A Nonparametric Approach.*  
Co-Advisors: Barry Goodwin and Ron Gallant
- 1989.9 - 1991.8 M.Sc. in AGRICULTURAL ECONOMICS  
University of Guelph, Guelph, Canada  
Thesis: *A Comparison of Nonparametric Methods and Local Functional Approximations: An Analysis of Size and Scale Economies in the Ontario Hog Production Sector.*  
Advisor: Wayne Howard
- 1985.9 - 1989.8 B.A. in ECONOMICS - HONOURS CO-OP PROGRAM  
University of Waterloo, Waterloo, Canada

### EMPLOYMENT

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- 2018.9 - PRESENT Managing Editor, *Canadian Journal of Agricultural Economics* (2019.3)  
OAC Research Chair in Agricultural Risk and Policy  
Director, Institute for the Advanced Study of Food and Agricultural Policy  
Professor, Department of Food, Agricultural and Resource Economics  
University of Guelph, Guelph, Canada.
- 2014.9 - 2018.8 Director, Institute for the Advanced Study of Food and Agricultural Policy  
Professor, Department of Food, Agricultural and Resource Economics  
University of Guelph, Guelph, Canada.
- 2009.5 - 2014.8 Chair & Professor, Department of Food, Agricultural and Resource Economics  
University of Guelph, Guelph, Canada.
- 2007.6 - 2009.4 Professor, Department of Agricultural and Resource Economics  
University of Arizona, Tucson, Arizona.
- 2006.8 - 2007.6 Professor and Head, Department of Agricultural and Resource Economics  
University of Arizona, Tucson, Arizona.
- 2002.1 - 2006.7 Associate Professor and Head, Department of Agricultural and Resource Economics  
University of Arizona, Tucson, Arizona.
- 2000.7 - 2002.1 Associate Professor, Department of Agricultural and Resource Economics  
University of Arizona, Tucson, Arizona.
- 1996.3 - 2000.7 Assistant Professor, Department of Agricultural and Resource Economics  
University of Arizona, Tucson, Arizona.

## RECENT AWARDS AND HONOURS

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- 2020.2 Placed Ph.D. Student Yong Liu at Department of Agricultural Economics, Texas AM University; tenure-track research-teaching.
- 2019.3-present Managing Editor, *Canadian Journal of Agricultural Economics*
- 2018 Outstanding Journal Article Award, Honourable Mention, Canadian Agricultural Economics Society.
- 2017.5 Invited to give testimony to the House of Commons' Standing Committee on Agriculture and Agri-Food on "Debt in the Agricultural Sector and Its Effects".
- 2017 Supervised Regan Arntz-Gray – winner of the Outstanding Master's Thesis Award, Canadian Agricultural Economics Society.
- 2017 Supervised Rebecca Elskamp – winner of the Outstanding Ph.D. Dissertation Award, Canadian Agricultural Economics Society (awarded every three years).
- 2017-19 Editorial Board, *Canadian Journal of Agricultural Economics*.
- 2017-19 Editorial Board, *European Review of Agricultural Economics*.
- 2017.3-2017.4 Visiting Faculty, Economics Department, Queensland University, Brisbane, Australia.
- 2016.9-2016.12 Visiting Faculty, Sapienza University, Rome, Italy.
- 2015-18 President Elect, President, Past President - Canadian Agricultural Economics Society.
- 2015-17 Editorial Board, *Canadian Journal of Agricultural Economics*.
- 2014 Outstanding Journal Article Award, Canadian Agricultural Economics Society.
- 2014 supervised Tor Tolhurst who won the Outstanding Master's Thesis Award, Canadian Agricultural Economics Society.
- 2013 Invited to give the Havlicek Memorial Lecture in Applied Econometrics at Ohio State University.
- 2013.10 Convocation Address, University of Guelph, Graduate Studies.
- 2012-13 President, Econometrics Section, American Agricultural Economics Association.

## REFEREED JOURNAL ARTICLES

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(\* denotes students)

**Ker, Alan P.**, "Risk Management in Canada's Agricultural in Light of COVID-19" *Canadian Journal of Agricultural Economics*, (invited so trivially refereed), forthcoming 2020.

**Ker, Alan P.** and Ryan Cardwell "COVID-19 and the Canadian Agriculture and Food Sectors: Thoughts from the Pandemic Onset" *Canadian Journal of Agricultural Economics*, (invited so trivially refereed), forthcoming 2020.

Liu, Yong\* and **Alan P. Ker**, "Simultaneous Borrowing of Information Across Space and Time for Pricing Insurance Contracts: An Application to Rating Crop Insurance." *Journal of Risk and Insurance*, forthcoming 2020.

Naylor, Jamie\*, Brady Deaton, and **Alan P. Ker** "Assessing the Effect of Food Retail Subsidies on the Price of Food in Remote Indigenous Communities in Canada." *Food Policy*, forthcoming, 2020.

- Biden, Scott\*, **Alan P. Ker**, and Stephen Duff “Impacts of Trade Liberalization in Canada’s Supply Managed Dairy Industry.” *Agricultural Economics*, forthcoming, 2020.
- Liu, Yong\* and **Alan P. Ker**, “When Less is More: Historical Yield Data and Rating Area Insurance Products.” *Journal of Agricultural and Applied Economics*, forthcoming, 2020.
- Ng, Horlick\* and **Alan P. Ker**, “On the Changing Nature of Canadian Crop Yield Distributions.” *Journal of Agricultural and Resource Economics*, forthcoming, 2020.
- Liu, Yong\* and **Alan P. Ker**, “Rating Crop Insurance Contracts with Nonparametric Bayesian Model Averaging.” *Journal of Agricultural and Resource Economics*, forthcoming, 2020.
- Germani, Anna-Rita, **Alan P. Ker**, and Angelo Castaldo, “On the Existence and Shape of an Environmental Crimes Kuznet Curve: A Case Study of Italian Provinces.” *Ecological Indicators*, January, 2020.
- Ker, Alan P.** and Tor Tolhurst\*, “On the Treatment of Heteroscedasticity in Crop Yield Data.” *American Journal of Agricultural Economics*, 97(2019): 137–158
- Ker, Alan P.**, and Abdoul Sam. “Semiparametric Estimation of the Link Function in Binary-Choice Single-Index Models.” *Computational Statistics*, 33(2018):1429-1455.
- Ker, Alan P.**, Barry Barnett, David Jacques\*, and Tor Tolhurst\*. “Canadian Business Risk Management: Private Firms, Crown Corporations, and Public Institutions.” *Canadian Journal of Agricultural Economics*, 65(2017):591-612.
- Li, Na\*, **Alan P. Ker**, Abdoul Sam, and Satheesh Aradhyula. “Modelling Regime-Dependent Agricultural Commodity Price Volatilities.” *Agricultural Economics*, 48(2017): 683-691.
- Ker, Alan P.** “Evaluating Agricultural Economists within Colleges and Faculties of Agriculture.” *Canadian Journal of Agricultural Economics*, 65(2017): 5-17 (presidential address).
- Ker, Alan P.** and Yong Liu\*. “Bayesian Model Averaging of Possibly Similar Nonparametric Densities.” *Computational Statistics*, 32(2017): 349-365.
- Cairns, Alex\*, Tor Tolhurst\*, Ken Poon\*, **Alan P. Ker**, David Jacques\*, and Stephen Duff. “The Economic Impact of a Foot-and-Mouth Disease Outbreak for Ontario’s Beef Sector.” *Canadian Journal of Agricultural Economics*, 65(2017):159-183. *2018 Outstanding Journal Article Award, Honourable Mention.*
- Ker, Alan P.** “Nonparametric Estimation of Possibly Similar Densities.” *Statistics and Probability Letters*, 117(2016): 23-30.
- Ker, Alan P.**, Tor Tolhurst\*, Yong Liu\*. “Bayesian Estimation of Possibly Similar Yield Densities: Implications for Rating Crop Insurance Contracts.” *American Journal of Agricultural Economics*, 98(2016): 360-382.
- Diirro, Gracious\*, **Alan P. Ker**, and Abdoul G. Sam. “The Role of Gender on Fertilizer Adoption in Uganda.” *African Journal of Agricultural and Resource Economics*, 10(2015): 117-130.
- Gaudin, Amelia\*, Tolhurst, T\*, **Alan P. Ker**, Janovicek, K. Deen B. “Increasing Crop Diversity Improves Yield Stability and Resilience to Weather Variations.” *PLOS One*, (2015). *Ranked in top 10% of papers cited in PLOS One for 2015.*
- Tolhurst, Tor\* and **Alan P. Ker**. “On Technological Change in Yields.” *American Journal of Agricultural Economics*, 92(2015):137-158.

Rude, James and **Alan P. Ker**. "Transfer Efficiency Analysis of Margin Based Programs." *Canadian Journal of Agricultural Economics* 61(2013):509-529. **2014 Outstanding Journal Article Award**.

O'Sullivan, Terri, R. Friendship, D.L. Pearl, B. McEwen, **Alan P. Ker**, C. Dewey. "The association between submission counts to a veterinary diagnostic laboratory and the economic and disease challenges of the Ontario swine industry from 1998 to 2009." *Preventive Veterinary Medicine*, 106(2012): 275-283.

Larue, Bruno, and **Alan P. Ker**. "La competitivite du secteur agroalimentaire canadien." *Policy Options*, 32(2011):43-47.

Harri, Ardian, K.H. Coble, **Alan P. Ker**, B.K. Goodwin. "Relaxing Heteroscedasticity Assumptions in Crop Insurance Rating." *American Journal of Agricultural Economics*, 93(2011):703-713

Brewer, Jed\*, Michael Fleishman, Robert Glennon, **Alan P. Ker**, Gary Libecap. "Law and the New Institutional Economics: Water Markets and Legal Change in California, 1987-2005." *Washington University Journal of Law and Policy*, 26(2008): 183-214 (authorship alphabetical).

Brewer, Jed\*, Robert Glennon, **Alan P. Ker**, Gary Libecap. "Water Markets in the West: Prices, Trading, and Contractual Forms." *Economic Inquiry*, 46(2008):91-112 (authorship alphabetical).

**Ker, Alan P.**, and A. Tolga Ergun\*. "On the Revelation of Private Information in the U.S. Crop Insurance Program." *Journal of Risk and Insurance*, 74(2007):761-776.

Brewer, Jed\*, Robert Glennon, **Alan P. Ker**, Gary Libecap. "Transferring Water in the American West: 1987-2005." *University of Michigan Journal of Law Reform*, 40(2007):1021-1053 (authorship alphabetical).

Sam, Abdoul\*, and **Alan P. Ker**. "Nonparametric Regression under Alternative Data Environments." *Statistics and Probability Letters*, 76(2006):1037-1046.

Racine, Jeff, and **Alan P. Ker**. "Rating Crop Insurance Policies with Efficient Non-parametric Estimators that allow Mixed Data Types." *Journal of Agricultural and Resource Economics*, 31(2006):27-39.

**Ker, Alan P.** and A. Tolga Ergun\*. "Empirical Bayes Nonparametric Kernel Density Estimation." *Statistics and Probability Letters*, 75(2005):315-324.

**Ker, Alan P.** and Keith Coble. "Modeling Conditional Yield Densities." *American Journal of Agricultural Economics*, 85(2003):291-304 (lead article).

**Ker, Alan P.** "Private Crop Insurance Involvement in the U.S. Crop Insurance Program." *Canadian Journal of Agricultural Economics*, 49(2001):557-566 (principal paper).

**Ker, Alan P.** "On the Maximum of Bivariate Normal Random Variables." *Extremes, Statistical Theory and Applications in Science, Engineering, and Economics*, 4(2001):185-190.

**Ker, Alan P.** and Barry K. Goodwin. "Nonparametric Estimation of Crop Insurance Rates Revisited." *American Journal of Agricultural Economics*, 82(2000):463-478.

**Ker, Alan P.** "Modeling Technical Barriers under Uncertainty." *Journal of Agricultural and Resource Economics*, 25(2000):28-50.

**Ker, Alan P.** and Pat McGowan\*. "Weather-based adverse selection and the US crop insurance program: The private insurance company perspective." *Journal of Agricultural and Resource Economics*, 25(2000):386-410.

**Ker, Alan P.** “Private Insurance Companies and the U.S. Crop Insurance Program.” *Choices*, (1999) third quarter:39-40.

**Ker, Alan P.** and Barry K. Goodwin “Statistics and the U.S. Crop Insurance Program.” *Chance*, 12(1999), No. 4:25-30.

Goodwin, Barry and **Alan P. Ker.** “Nonparametric Estimation of Crop Yield Distributions: Implications for Rating Group-Risk Crop Insurance Contracts.” *American Journal of Agricultural Economics*, 80 (1998):139-153.

**Ker, Alan P.** and Keith Coble. “Choosing a Base Coverage Level for MPCCI Contracts.” *Journal of Agricultural and Resource Economics*, 23(1998):427-444.

Goodwin, Barry and **Alan P. Ker.** “Revenue Insurance: A New Dimension in Risk Management.” *Choices*, (1998):24-27.

**Ker, Alan P.** “Tariffication and the Canadian Chicken Industry in the Uruguay Round Agreement.” *Canadian Journal of Agricultural Economics*, July (1997):111-122.

Larue, Bruno and **Alan P. Ker.** “World Price Variability Versus Protectionism in Agriculture: A Causality Analysis.” *The Review of Economics and Statistics*, May (1993): 342-346.

Larue, Bruno, **Alan P. Ker**, and Lorrie MacKinnon. “The Demand for Wine in Ontario and the Phasing Out of Discriminatory Markups.” *Agribusiness*, September (1991): 475-488.

## BOOK CHAPTERS

Goodwin, Barry and **Alan P. Ker.** “Modeling Price and Yield Risk.” Chapter 14 in A Comprehensive Assessment of the Role of Risk in U.S. Agriculture, Richard E. Just and Rulon D. Pope, editors, Kluwer Academic Publishers, Boston, (2001): 289-324.

## RECENT GRANTS (GUELPH ONLY)

*Only Principal Investigator Grants Listed*

Year	Title	Percent Effort	Total Amount
2019-2021	Commodity Specific Economic Modelling	100%	\$300,000
2018-2020	Climate Change, Comparative Advantage, and Agricultural Policy	52%	\$184,000
2018-2019	Economic Impacts of Various Trade Scenarios	100%	\$85,000
2017-2019	Climate Change, Technology, and Yield Volatilities	100%	\$167,000
2016-2018	Modelling Ontario’s Chicken industry for Policy Analysis	100%	\$120,000
2016-2018	Thresholds, Climate Change, and Ontario Crop Yields	100%	\$120,000
2015-2017	Competitiveness of Ontario’s Agri-Food Sector under Import Pressures	100%	\$177,000
2015-2017	Economic Model of Ontario’s Pork Sector with Disease Outbreak	100%	\$60,000
2014-2016	Developing a Sheep Price Forecasting Model	100%	\$60,000
2014-2016	Modelling Ontario’s Regulated Sector	100%	\$178,000
2011-2013	Modelling Ontario’s Beef Sector	100%	\$294,000
2011-2012	Trade, Political Economy, and Endogenously Incomplete Contracts	100%	\$18,000
2011-2012	Political Market Power Reflected in Milk Pricing	100%	\$18,000
2011-2012	Cost of Production Insurance	100%	\$4,000
2010-2013	Investigating the Effect of Climate Change on Crop Yields	100%	\$120,000
2010-2011	Policy Education Program	100%	\$15,000

## PH.D.STUDENTS SUPERVISED AND PLACEMENT

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- Hanjun Lu (current student)
- Yong Liu (2019); tenure-track Assistant Professor, Department of Agricultural Economics, Texas AM
- Rebecca Elskamp (2016); BASF (private sector) - winner of 2014-2017 Canadian Agricultural Economics Society Outstanding Dissertation
- Zongyuan Shang (2015); post-doc, University of Guelph – Ridgetown Campus
- Na Li (2014); Fraser Institute, Vancouver, BC
- Abdoul Sam (2005) (with Rob Innes); Department of Agricultural, Environmental, and Development Economics, The Ohio State University, Columbus, Ohio
- Tolga Ergun (2004); Department of Economics, Suffolk University, Boston, MA.

## RECENT M.SC. STUDENTS SUPERVISED (GUELPH ONLY)

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(\* denotes CAES outstanding thesis award; \*\* denotes major paper rather than thesis; \*\*\* denotes co-supervised)

Zheqi Nong\*\*  
Ben Auld  
Anna Chemeris  
Horlick Ng  
Yuetian Jiang  
Syer Haque  
Regan Arntz-Gray\*  
Jocelin On  
Yong Liu  
Shuang Li  
Jinrui Wang  
Anne-Renee Guillemette\*\*\*  
Tor Tolhurst\*  
Nicholas Tavchandjian  
Anas Ramadan (FARE)  
Anas Ramadan (Department of Mathematics and Statistics)  
Kristin Benke\*\*  
Kevin Chang\*\*  
Xin Li\*\* \*\*\*

## HQP SUPERVISED (GUELPH ONLY)

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- Yong Liu - 2019-present
- Scott Biden – 2017-present.
- Na Li - 2017-2018.
- David Jacques – 2016-2017.
- Ken Poon – 2016.
- Tor Tolhurst – 2014-2016.
- Alex Cairns - 2012-2014.

## TEACHING

<i>Course</i>	<i>Course Code</i>	<i>Term</i>	<i>Enrollment</i>	<i>Student Evaluation (out of 5.0)</i>
Quantitative Methods I	FARE 6970	Fall 19	13	4.5
Quantitative Methods II	FARE 6990	Winter 19	7	5.0
Quantitative Methods I	FARE 6970	Fall 18	15	4.8
Quantitative Methods II	FARE 6971	Winter 18	8	4.7
Quantitative Methods I	FARE 6970	Fall 17	12	5.0
International Trade	FARE 6980	Winter 16	3	5.0
Quantitative Methods	FARE 6970	Fall 15	9	4.1
International Trade	FARE 6980	Winter 14	6	4.7
Quantitative Methods	FARE 6970	Fall 13	12	4.3
International Trade	FARE 6980	Winter 13	12	4.5
Quantitative Methods	FARE 6970	Fall 12	27	4.7
Quantitative Methods	FARE 6970	Fall 11	12	4.6
Quantitative Methods	FARE 6970	Fall 10	9	4.9
Quantitative Methods	FARE 6970	Fall 09	10	3.9
Mathematical Statistics	AREC/ECON 517	Fall 08	10	4.6
Economic Statistics	AREC/ECON 339	Fall 08	75	4.6
Economic Statistics	AREC/ECON 339	Fall 07	75	4.6
Economic Statistics	AREC/ECON 339	Fall 05	60	4.9
Economic Statistics	AREC/ECON 339	Spring 05	70	4.2
Nonparametric Econ.	ECON 696E	Spring 04	4	n/a
Adv. Econometrics	ECON 549	Spring 03	15	3.8
Nonparametric Econ.	ECON 696E	Spring 02	15	4.6
Economic Statistics	AREC/ECON 339	Spring 01	72	4.6
Nonparametric Econ.	AREC 559	Spring 01	4	n/a
Economic Statistics	AREC/ECON 339	Spring 00	36	4.7
Adv. Econometrics	AREC 549	Spring 00	15	4.1
Economic Statistics	AREC/ECON 339	Spring 99	47	4.2
Adv. Econometrics	AREC 549	Spring 99	8	4.2
Economic Statistics	AREC/ECON 339	Spring 98	48	4.2
Consumer Theory	AREC 513	Spring 98	4	4.3
Economic Statistics	AREC/ECON 339	Spring 97	68	4.4
Consumer Theory	AREC 513	Spring 97	14	2.9
Economic Statistics	AREC/ECON 339	Spring 96	70	3.9

## RECENT ACADEMIC PRESENTATIONS

- “Insurance Subsidies, Climate Change, Technical Change, and Yield Resiliency in US Agriculture”, Atlantic Canada Economics Association, University of Moncton, October, 2019.
- “Sup-Type Test of Distributional Equivalence when Break is Unknown”, Atiner Institute, Athens, July, 2019.
- “Subsidized Crop Insurance and Technological Change in US Agriculture”, Department of Agricultural and Resource Economics, University of Arizona, April 2019.
- “Is There Too Much History in Historical Yield Data”, Department of Agricultural Economics, Texas AM University, College Station, Texas, March, 2019.
- “Subsidized Crop Insurance and Technological Change in Yields”, Faculty of Land and Food Systems, University of British Columbia, October 2018.
- “Nonparametric Estimation of Like DGPs”, Economics Department, Dalhousie University, September 2018.

- “Mixture Models and Economic Heterogeneity”, International Agricultural Economics Association, Conference; Vancouver, August 2018.
- “Climate and Innovation Induced Yield Volatilities”, International Biometrics Conference; Barcelona, Spain, July 2018.
- “Is there too much history in historical yield data”, Department of Agricultural and Applied Economics; University of Georgia, Athens, June 2018.
- “Climate Change and Agricultural Productivity”, Beijing Technology and Business University, Beijing, May 2018.
- ” “Nonparametric Econometrics using R”, Minzu University, Beijing, May 2018.
- “Is There Too Much History in Historical Yield Data”, Minzu University, Beijing, May 2018.
- ”Nonparametric Econometrics”, Minzu University, Beijing, May 2018.
- ”Mixture Model Estimation with Applications”, Minzu University, Beijing, May 2018.
- “Climate Change and Agricultural Productivity”, Minzu University, Beijing, May 2018.
- “Is There Too Much History in Historical Yield Data”, Department of Agricultural and Applied Economics, Virginia Tech University, Blacksburg, March 2018.
- “Is There Too Much History in Historical Yield Data”, Department of Agricultural and Applied Economics, Virginia Tech University, Blacksburg, March 2018.
- “Is There Too Much History in Historical Yield Data”, Department of Food, Agricultural and Resource Economics, University of Guelph, Guelph, December 2017.
- “Is There Too Much History in Historical Yield Data”, Morrison School of Agribusiness, Arizona State University, Phoenix, November 2017.
- “Is There Too Much History in Historical Yield Data”, Department of Agricultural and Resource Economics, University of Arizona, Tucson, November 2017.
- “On the Use of Historical County Yield Data”, Department of Agribusiness and Agricultural Economics, University of Manitoba, Winnipeg, November 2017.
- “Borrowing Information Across Space and Time from Like DGPs with Application to Rating Insurance Contracts”, Insurance Mathematics and Economics, Vienna, Austria, July 2017.
- “Climate, Innovation, Yield Volatilities and BRM Programs”, Canadian Agricultural Economics Society Annual Meeting, Montreal, June 2017.
- “Borrowing Information Across Time From Like DGPs”, Economics Department, University of Queensland, Brisbane, Australia. April 2017.
- “Changing Climate, Technology, and Yield Volatilities”, Food and Agricultural Sciences, University of Queensland, Brisbane, Australia. March 2017.
- “Canadian Agricultural Public Policy: Trade, Climate Change, and Risk”, Sapienza University, Rome, Italy. November 2016.
- “Using Extraneous Data to Rate Crop Insurance Contracts: Issues of Correlation and Consistency”, AAEA, Boston. July 2016.
- “Evaluating Agricultural Economists in Colleges and Schools of Agriculture”, Presidential Address, Canadian Agricultural Economics Society, Victoria, B.C. June 2016.
- “Nonparametric Econometrics with R”, Learning Workshop, Canadian Agricultural Economics Society, Victoria, B.C. June 2016.



## RECENT OUTREACH ACTIVITIES

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### RECENT CONFERENCES ORGANIZED

- “Current Issues Facing Canadian Agriculture: Trade, BRM, Changing Climate, and Food Security”, Ottawa, January 2018, (230 participants).
- ”Big Data, Changing Climate, and Agriculture”, Guelph, May 2017, (100 participants).
- ”Is Production Agriculture Headed for Another Farm Financial Crisis”, Guelph, May 2015 (125 participants).

### RECENT OUTREACH PRESENTATIONS

- “BRM Under Review: A Study of Syntax and Mythical Changes”, brief submitted to the House of Commons Standing Committee on Agriculture and Agri-Food, May 2020.
- “An Early Assessment of COVID-19 and the Canadian Agriculture and Food Sector”, FARETalk podcast, April, 2020.
- “BRM Under Review: A Study of Syntax and Mythical Changes”, 2020 CAES Policy Conference - post conference workshop, Ottawa, January 2020.
- “New Directions at the *Canadian Journal of Agricultural Economics*”, 2020 CAES Policy Conference, Ottawa, January 2020.
- “Insurance Subsidies, Climate Change, and Innovation: Implications for Crop Yield Resiliency”, Plant Science Symposium, University of Guelph, November, 2019.
- “Current Trade Issues for Canadian Agriculture”, Keynote Address, Ontario Canola Growers Association, January 2019.
- “Dairy and CETA, CPTPP, and CUSMA”. Dairy Farmers of Ontario, December 2018.
- “Nonparametric Econometrics using R”, Minzu University, Beijing, May 2018.
- “Nonparametric Econometrics”, Minzu University, Beijing, May 2018.
- “Mixture Model Estimation with Applications”, Minzu University, Beijing, May 2018.
- “Current Trade Issues for Canadian Agriculture”, FarmSmart, Guelph, January 2018.
- “US Crop Insurance Program”, OMAFRA – BRM Review Team Ontario, December 2017.
- “BRM Policy Options and Efficacy”, Risk Management Workshop, Winnipeg, November 2017.
- “Mathematical Model of Dairy Sector”, Canadian Dairy Commission, Ottawa, October 2017.
- “Market Models for Policy Analysis”, OMAFRA, Guelph, September 2017
- “Climate and Innovation Induced Yield Volatilities”, Institute for the Advanced Study of Food and Agricultural Policy 2017 Conference, Guelph, May 2017.
- “Debt in the Agricultural Sector and Its Effects”, Testimony to House of Commons Standing Committee on Agriculture and Agri-Food, Ottawa. May 2017.
- “The Fingerprint of Climate and Innovation on Yields”, Agriculture and Agri-Food Canada, Ottawa, January 2017.
- “Climate and Innovation Induced Yield Volatility”, Food and Agriculture Organization, United Nations, Rome, Italy. November 2016.

- “Nonparametric Econometrics with R”, Learning Workshop, Canadian Agricultural Economics Society, Victoria, B.C. June 2016.
- “Current Issues in Production Agriculture”, TD Bank, Guelph, Ontario, April 2016.
- “Climate and Innovation Induced Crop Yield Volatilities with (weak) Policy Implications”, OMAFRA Research Rendezvous, Guelph, Ontario, April 2016.

#### OTHER RECENT OUTREACH

- “University of Guelph Experts Contribute to COVID-19-Focused Agriculture Journal”, University of Guelph news, April, 2020.
- Convened a Special Issue of the *Canadian Journal of Agricultural Economics* titled “COVID-19 and the Canadian Agriculture and Food Sectors: Thoughts from the Pandemic Onset”; collection of 18 invited articles; convened in March 19 and published April 20, 2020.
- “Experts Weigh in on CUSMA Negotiations”, FAREShare, January, 2019.
- Member of Team Ontario BRM Review; 2017-2018.
- “Business risk management options for Canadian farmers in 2018”, Country Guide, October, 2018.
- “Slumping milk prices force dairy farmers to think outside the barn”, Christian Science Monitor, June, 2018.
- “In Conversation: Bringing to Light Economic Outcomes of Food Policy”, Arrell Food Institute, University of Guelph, March 2018.
- “Post Conference Report: Current Issues in Canadian Agri-Food Policy”, March, 2018.
- “Experts Weigh in on a Food Policy for Canada”, FAREShare, January, 2018.
- “Risk Warning: Inside the campaign to get better risk management programs for Canada’s farmers”, Country Guide, January, 2018.
- “NAFTA renegotiations: Seeing the benefits through the bluster”, National Post, Conversation Canada, Hamilton Spectator, Kitchener Post, September 2017
- “Terminating NAFTA Highly Unlikely”, University of Guelph homepage, September 2017
- “Managing Risk and Efficacy of Government Programs”, FAREShare, July, 2017
- “Volatile times - how innovation and climate change impact risk management programs”, RealAgriculture.com (podcast), June, 2017
- “Will Publicly Subsidized Crop Insurance Prevent On-Farm Climate Change Mitigation”, FAREShare, May, 2017
- “Ag policy seen as bigger risk than farm debt”, Western Producer, May 18, 2017
- “Commentary versus Content: We Need Your Feedback”, FAREShare, March, 2017
- “Trump’s presidency puts Canada’s food producers on alert”, The Hill Times, February 14, 2017
- “NAFTA, Trump, and Trade”, FAREShare, January, 2017