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Citizenship: Canada

Education

University of California, Davis <i>Doctor of Philosophy (Agricultural and Resource Economics)</i>	Davis, CA October 2015 to Present
University of Guelph <i>Master's of Science (Food, Agricultural and Resource Economics)</i>	Guelph, ON September 2011 to April 2013
The University of British Columbia <i>Bachelor of Commerce (Finance)</i>	Vancouver, BC September 2006 to May 2011

Awards and Distinctions

Doctoral Fellowship, Social Sciences and Human Resources Council of Canada \$40,000 over 24 months	Fall 2018
Outstanding Article Honourable Mention, Canadian Journal of Agricultural Economics	Spring 2018
Taste America Scholarship, James Beard Foundation \$2,500 (one of 10 nationally)	Fall 2016
Provost's Fellowship in the Arts, Humanities and Social Sciences \$57,800 (one of 25 university-wide)	Fall 2015
Outstanding Master's Thesis Award, Canadian Agricultural Economics Society	Summer 2014

Research

Publications in Academic Journals

Job security and risk taking: Theory and evidence from professional football. Slade, P.J. and T.N. Tolhurst (shared first authorship); *Southern Economic Journal*: Accepted.

Canadian business risk management programs: Private firms, crown corporations, and public institutions. Ker, A.P., B. Barnett, D. Jacques, T.N. Tolhurst; *Canadian Journal of Agricultural Economics*. 65, 4 (2017): 591–612.

The economic impact of a foot-and-mouth disease outbreak for Ontario's beef sector. Cairns, A., T. N. Tolhurst, S. Duff, A.P. Ker, K. Poon; *Canadian Journal of Agricultural Economics*. 65, 1 (2017): 159–183.

Bayesian estimation of possibly similar densities: Implications for rating crop insurance contracts. Ker, A.P., T.N. Tolhurst, and Y. Liu; *American Journal of Agricultural Economics*. 98, 2 (2016): 360–382.

On technological change in crop yields. Tolhurst, T.N. and A.P. Ker; *American Journal of Agricultural Economics*. 97, 1 (2015): 137–158.

Increasing crop diversity improves yield stability and resilience to weather variations. Gaudin, A.C.M., T.N. Tolhurst, A.P. Ker, K. Janovicek, R.C. Martin, and W. Deen; *PLoS ONE*. 10, 2 (2015): e0113261.

Research (continued)

Dissertation

Model-free detection of a speculative asset bubble: Evidence from the world market in superstar wines. Job market paper. (Sole author.)

Are farmers good neighbors? Pesticide applications near schools and daycares in California with Christopher DeMars, Karen Klonsky, Rachael Goodhue, and Minghua Zhang; Working paper. (First author.)

Partially identified distribution of treatment effects with a finite mixture model. In progress. (Sole author.)

Committee: Professors Rachael Goodhue (chair), Aaron Smith, and Julian Alston.

Additional Work in Progress

A note on heteroscedasticity in pricing crop insurance with Alan Ker; Revise and resubmit, *American Journal of Agricultural Economics*. (Second author.)

Innovation and climate induced yield volatility in agriculture with Alan Ker; Working paper. (First author.)

Measuring cold temperature stress and sowing date uncertainty to estimate climate impacts on agriculture with Alan Ker; Working paper. (First author.)

A distributional synthetic control estimator: Application to measuring the economic impacts of biotechnology. In progress. (Sole author.)

Does the crema of the crop raise all boats? The impact of the “Best of Panama” coffee bean auction on Panama’s rural economy with Jessica Rudder; In progress. (Shared authorship.)

Professional Activities

Grants

Research Associate (Principle: Alan P. Ker). Ontario Ministry of Agricultural, Food and Rural Affairs, “Thresholds, Climate Change, and Ontario Crop Yields,” (2015–17, \$120,000).

Research Associate (Principle: Alan P. Ker). Ontario Ministry of Agricultural, Food and Rural Affairs, “Ontario’s Agri-Food Sector under Import Pressures,” (2015–18, \$177,000).

Research Associate (Principle: Alan P. Ker). Ontario Ministry of Agricultural, Food and Rural Affairs, “Modelling Ontario’s Regulated Marketing Sectors,” (2014–16, \$178,000).

Presentations

Invited Guest Lecture

“The Intersection of Agricultural and Environmental Economics,” San Jose State University, Apr. 3, 2018.

Invited Speaker

“Innovation and Climate Induced Volatility and Food Security in Canada and the U.S.,” Canadian Agricultural Economics Society Eighth Annual Canadian Agri-Food Policy Conference, Jan. 24–26.

Professional Activities (continued)

Presentations (continued)

Academic Conferences

Agricultural and Applied Economics Association 2018 Annual Meeting, Aug. 5–7, 2018, Washington, DC (poster).

Australasian Agricultural and Resource Economics Society 2018 Annual Meeting, Feb. 6–9, 2018, Adelaide, Australia (two papers).

Agricultural and Applied Economics Association 2017 Annual Meeting, July 30–Aug. 1, 2017, Chicago, Illinois (two papers).

International Network for Economic Research 2017 Annual Meeting, June 7–9, 2017, Bordeaux, France (paper).

Agricultural and Applied Economics Association 2016 Annual Meeting, July 31–August 2, 2016, Boston, Massachusetts (paper).

Northeast Agricultural and Resource Economics Association and Canadian Agricultural Economics Association 2015 Joint Annual Meeting, June 28–June 30, 2015, Newport, Rhode Island (paper).

Canadian Economics Association 2014 Annual Meeting, May 29–June 1, 2014, Vancouver, BC (paper).

Agricultural and Applied Economics Association 2013 Annual Meeting, Aug. 4–6, 2013, Washington, DC (paper and poster).

International Agricultural Risk, Finance and Insurance Conference 2013 Annual Meeting, June 16–18, Vancouver, BC (paper).

Canadian Economics Association 2013 Annual Meeting, May 30–June 2, 2013, Montreal, PQ (paper).

Employment

Graduate Research Assistant

Dr. Rachael E. Goodhue

U.C. Davis
October 2016–Present

Research Associate

Dr. Alan P. Ker

Univ. of Guelph
April 2013–August 2015

Graduate Research Assistant

Dr. Alan P. Ker

Univ. of Guelph
May 2012–April 2013

Graduate Teaching Assistant

Marketing Research

Univ. of Guelph
Winter 2012

Graduate Teaching Assistant

Survey of Natural Resources

Univ. of Guelph
Fall 2011

Undergraduate Teaching Assistant

Introduction to Marketing

UBC
2008–2010

Referee

American Journal of Agricultural Economics.