CURRICULUM VITAE

Name Chad D. Lawley

Title Professor

Department of Agribusiness and Agricultural Economics

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Education

Ph.D., Agricultural and Resource Economics, University of Maryland, 2009

M.Sc., Agricultural Economics, University of Saskatchewan, 2004

B. Commerce, Accounting, University of Saskatchewan, 1998

Major Research Interests

Environmental and resource economics; environmental policy; agricultural policy

Professional Experience

Full Professor, Department of Agribusiness and Agricultural Economics, University of Manitoba, March 30, 2021 to present

Associate Professor, Department of Agribusiness and Agricultural Economics, University of Manitoba, March 2015 to March 2021

Assistant Professor, Department of Agribusiness and Agricultural Economics, University of Manitoba, September 2009 to March 2015

Teaching

ABIZ 0440: Agricultural Economics and Marketing 1 (Fall 2010-2017; Winter 2019, 2021)

ABIZ 3500: Agricultural and Food Policy (Winter 2014)

ABIZ 3510: Economics of Food Policy (Winter 2019, 2021)

ABIZ 3550: Environmental Policy (Fall 2010-2013)

AGEC 4510: Agro-ecology Capstone Course (Economics module; Winter 2010, 2011)

ABIZ/ECON 7430: Advanced Theory of Natural Resource Economics (Winter 2015-2019)

Publications

Refereed Journal Articles

- Lawley, Chad. 2021. "COVID-19 and Canadian farmland markets in 2020," *Canadian Journal of Agricultural Economics*, 69(2): 291-298.
- Lawley, Chad. 2021. "Hog Barns and Neighboring House Prices: Anticipation and Postestablishment Impacts," *American Journal of Agricultural Economics*, 103(3): 1099-1121.
- Lawley, Chad. 2020. "Potential Impacts of Covid-19 on Canadian Farmland Markets," *Canadian Journal of Agricultural Economics*, 68(2): 245-250.
- Xiang, Di and Chad Lawley. 2019. "The Impact of British Columbia's Carbon Tax on Residential Natural Gas Consumption," *Energy Economics*, 80(May 2019): 206-218.
- Cardwell, Ryan, Chad Lawley, and Di Xiang. 2018. "Milked and Feathered: The Regressive Welfare Effects of Canada's Supply Management Regime: Reply," *Canadian Public Policy* 44(3): 278-288.
- Deaton, Brady, Chad Lawley, and Karthik Nadella. 2018. "Renters, Landlords, and Farmland Stewardship," *Agricultural Economics* 49(2018): 521-531.
- Lawley, Chad. 2018. "Ownership Restrictions and Farmland Values: Evidence from the 2003 Saskatchewan Farm Security Act Amendment," American Journal of Agricultural Economics 100(1): 311-337.
- Lawley, Chad and Vincent Thivierge. 2018. "Refining the Evidence: British Columbia's Carbon Tax and Household Gasoline Consumption," *The Energy Journal* 39(2): 147-171.
- Lawley, Chad and Wanhong Yang. 2015. "Spatial Interactions in Habitat Conservation: Evidence from Prairie Pothole Easements," *Journal of Environmental Economics and Management*, 71: 71-89.
- Cardwell, Ryan, Chad Lawley, and Di Xiang. 2015. "Milked and Feathered: The Regressive Welfare Effects of Canada's Supply Management Regime," *Canadian Public Policy*, -41(1): 1-14.

> Awarded 2015 John Vanderkamp Prize for best article in Canadian Public Policy

- Lawley, Chad. 2014. "Changes in Implicit Prices of Prairie Pothole Habitat," *Canadian Journal of Agricultural Economics*, 62(2): 171-190.
- Lawley, Chad and Charles Towe. 2014. "Capitalized Costs of Habitat Conservation Easements," *American Journal of Agricultural Economics*, 96(3): 657-672.
- Lawley, Chad. 2013. "Protectionism versus Risk in Screening for Invasive Species," *Journal of Environmental Economics and Management*, 65(3): 438-451.
- Towe, Charles and Chad Lawley. 2013. "The Contagion Effect of Neighboring Foreclosures," *American Economic Journal: Economic Policy*, 5(2): 313-335.
- Lawley, Chad, Erik Lichtenberg, and Doug Parker. 2009. "Biases in Nutrient Management Planning," *Land Economics*, 85(1): 186-200.

Lawley, Chad and Hartley Furtan. 2008. "The Political Trade-off between Environmental Stringency and Economic Development in Rural America," *Journal of Regional Science*, 48(3): 547-566.

Book Chapters

- Lawley, Chad and Charles Towe. 2019. "Habitat Conservation in Agricultural Landscapes," ed. G. Cramer, K. Paudel, and A. Schmitz, <u>The Routledge Handbook of Agricultural</u> Economics, Oxford, UK: Routledge.
- Eiswerth, Mark, Chad Lawley, and Michael Taylor. 2018. "Economics of Invasive Species," ed. H.H. Shugart, Oxford Research Encyclopedia of Environmental Sciences, Oxford University Press.
- Costello, Christopher, Chad Lawley, and Carol McAusland. 2009. "Pre-empting Non-indigenous Species Introductions: Targeting Policy," ed. Kevin Ghallagher, <u>Handbook on Trade and the Environment</u>, Edward Elgar Press.

Research Reports and Working Papers

- Lawley, Chad. 2019. "Impact of Large Scale Hog Operations on Residential Property Values in Manitoba," Research Report submitted to Manitoba Agriculture and Manitoba Municipal Relations, 69 pages.
- Lawley, Chad. 2019. "Land Use Change in Agricultural Landscapes: Incentives and Conservation Programs," Research report submitted to Canadian Agri-food Policy Institute (CAPI), 17 pages. https://capi-icpa.ca/wp-content/uploads/2019/04/2019-02-21-CAPI-land-use-dialogue_Lawley-Paper_WEB.pdf
- Lawley, Chad and Vincent Thivierge. 2016. "Refining the Evidence: British Columbia's Carbon Tax and Household Gasoline Consumption," Social Sciences Research Network (SSRN) Working Paper.
- Nadella, Karthik, Brady Deaton, Chad Lawley, and Alfons Weersink. 2013. "Does Tenure Status Influence the Adoption of Agricultural Management Practices?" Linking Environment and Agriculture Research Network 2013 Preliminary Report.
- Hink, Matthew, Ryan Cardwell, and Chad Lawley. 2012. "An Empirical Investigation into the Determinants of Trade Policy Bias," CATPRN Working Paper 2012-01.
- Lawley, Chad and Charles Towe. 2012. "Implicit Prices of Habitat Conservation Easements," Linking Environment and Agriculture Research Network Project Report (PR-01-2012).

Editorials

Cardwell, Ryan and Chad Lawley. "Loosening supply management even a little will save consumers billions," National Post Op-ed, October 8, 2015

Awards

- Centre for the Advancement of Teaching and Learning STRR Teaching Award, School of Agriculture, University of Manitoba, 2019
- Terry G. Falconer Memorial Rh Institute Foundation Emerging Researcher Award in Social Sciences, University of Manitoba, 2016
- John Vanderkamp Prize for best paper in *Canadian Public Policy* (with Ryan Cardwell and Di Xiang), Canadian Economics Association, 2015
- Joseph L. Fisher Dissertation Fellowship, Resources for the Future, 2008-2009

Outreach

- FareTalk Podcast: "The Economic Consequences of Farmland Policy on Farmland Values in Saskatchewan," March 27, 2018.
 - https://www.uoguelph.ca/fare/institute/podcasts#consequences
- Market Prospects 2018 Video Interview: "Ownership Restrictions and Farmland Values: Evidence from the 2003 <u>Saskatchewan Farm Security Act</u> Amendment," March 2, 2018. http://marketprospects.usask.ca/

Research Funding

- MLMMI Funding Grant, *Livestock Operation Impacts on Property Values in Manitoba*, Amount: \$27,187, 2017-2018.
- University of Manitoba Graduate Enhancement of Tri-Council Stipends, *Determinants of Public Support for Supply Management: A Randomized Survey Experiment*, Amount: \$8,021, 2017-2018 (with Ryan Cardwell).
- University of Manitoba Graduate Enhancement of Tri-Council Stipends, *Returns to Land Conservation Investment in Canada*, Amount: \$32,083, 2016-2017.
- SSHRC Insight Development Grant, *Determinants of Public Support for Supply Management: A Randomized Survey Experiment*, Amount: \$69,233, 2016-2018 (with Ryan Cardwell).
- SSHRC Partnership Development Grant, *Returns to Land Conservation Investment in Canada*, Amount: \$174,783, 2016-2019 (with Charles Towe and Nick Lapointe (Co-PIs); Manitoba Habitat Heritage Corporation and Nature Conservancy Canada (Partners)).
- Sustainable Prosperity, Household responses to the BC carbon tax, Amount: \$8,000, 2014.
- University of Manitoba UM-SSHRC RGP, Capitalized costs of flooding in the Red River Valley, Amount: \$6,800, 2012-2013.
- University of Manitoba Graduate Enhancement of Tri-Council Stipends, *Crowding In and Crowding Out: Public and Private Investment in Conservation Easements*, Amount: \$8,571, 2013.

- Canada-Manitoba Growing Forward Environment Information—Ecological Goods and Services Pilot Project Program, *Examining BMP Adoption in Manitoba and Ontario*, Amount: \$30,000, 2012-2013 (with Brady Deaton).
- Linking Environment and Agriculture Research Network, *Examining Rental Rates and Farmland Ownership in Ontario and Manitoba*, Amount: \$49,000 2012-2013 (with Brady Deaton).
- University of Manitoba Graduate Enhancement of Tri-Council Stipends, *Crowding In and Crowding Out: Public and Private Investment in Conservation Easements*, Amount: \$10,714, 2012.
- SSHRC Insight Development Grant, *Crowding In and Crowding Out: Public and Private Investment in Conservation Easements*, Amount: \$42,000, 2011-2013 (with Wanhong Yang).
- Linking Environment and Agriculture Research Network (LEARN), *Implicit Prices of Habitat Conservation Easements*, Amount: \$17,200, 2011-2012.
- University of Manitoba UM-SSHRC RGP, *Economics of Habitat Conservation Easements*, Amount: \$6,800, 2011-2012.

Presentations

Invited Presentations

- Lawley, Chad. "Farmland ownership, land values, and adoption of conservation practices," Organized Symposium presentation at Canadian Agricultural Economics Society Annual Meeting, Ottawa, July 10, 2019.
- Lawley, Chad. "Factors Affecting Land Use Choices and Agronomic Practices: Agrienvironmental Policy Design and Evaluation," Panel paper presentation at Optimizing Land Use for Sustainable Growth: a CAPI Dialogue, Calgary, February 22, 2019.
- Lawley, Chad. "Evaluation of Agri-Environmental Policies and Program Impacts: Building Credible Evidence in Agri-Environmental Policy," Keynote Address at Canadian Agricultural Economics Society Annual Agri-food Policy Conference, Ottawa, February 15, 2019.
- Lawley, Chad. Panel presentation (Session: "Economic Incentives for Protected Areas and Biodiversity Conservation on Private Lands"), Smart Prosperity Natural Capital Conference, University of Ottawa, Oct. 29, 2018.
- Lawley, Chad. "Ownership Restrictions and Farmland Values: Evidence from the 2003 Saskatchewan Farm Security Act Amendment," Department of Food, Agriculture, and Resource Economics, University of Guelph, March 26, 2018.
- Lawley, Chad. "Ownership Restrictions and Farmland Values: Evidence from the 2003 Saskatchewan Farm Security Act Amendment," Department of Agricultural and Resource Economics, University of Saskatchewan, March 2, 2018.
- Lawley, Chad. "Economic Incentives and Ecological Goods and Services," Manitoba Agriculture Risk Management Task Force, Winnipeg, September 16, 2015.

- Lawley, Chad. "Impact of Habitat Conservation Easements on Landowners," Manitoba Farm Industry Board Meeting, Winnipeg, December 2015.
- Lawley, Chad and Wanhong Yang. "Spatial Interactions in Habitat Conservation: Evidence from Prairie Pothole Easements," Department of Resource Economics and Environmental Sociology, University of Alberta, March 26, 2015.
- Cardwell, Ryan, Chad Lawley, and Di Xiang. "Milked and Feathered: The Regressive Welfare Impacts of Canada's Supply Management Regime," Faculty of Agricultural and Food Sciences Seminar Series, University of Manitoba, November 2014. (Presented by Ryan Cardwell)
- Lawley, Chad. "Economic Incentives and Moral Suasion in Habitat Conservation," Canadian Agricultural Economics Society Annual Meeting, Vancouver, May 31, 2014.
- Cardwell, Ryan, Chad Lawley, and Di Xiang. "Milked and Feathered: The Regressive Welfare Impacts of Canada's Supply Management Regime," Economic Research Service, United States Department of Agriculture, November 2013. (Presented by Ryan Cardwell)
- Cardwell, Ryan, Chad Lawley, and Di Xiang. "Milked and Feathered: The Regressive Welfare Impacts of Canada's Supply Management Regime," Department of Agricultural and Applied Economics, Virginia Tech, Blacksburg, VA, November 2013. (Presented by Ryan Cardwell)
- Lawley, Chad. "Conservation Easements in Agricultural Landscapes: Win-win?" North American Waterfowl Management Plan—Prairie Habitat Joint Venture Advisory Committee, Winnipeg, May 21, 2013.
- Lawley, Chad. "Conservation Easements in Agricultural Landscapes: Win-win?" Faculty of Agricultural and Food Sciences Seminar Series, University of Manitoba, April 17, 2013.
- Lawley, Chad. "Protectionism versus Risk in Screening for Invasive Species," Environment, Resources, and Trade Conference, University of Manitoba, October 2012.
- Lawley, Chad and Charles Towe. "Implicit Prices of Habitat Conservation Easements," Institute for Wetlands and Waterfowl Research, Ducks Unlimited Canada, January 2012.
- Lawley, Chad and Charles Towe. "Implicit Prices of Habitat Conservation Easements," Canadian Land Trust Alliance Annual Conference, Kingston, ON 2011.
- Lawley, Chad and Charles Towe. "Implicit Prices of Habitat Conservation Easements," University of Manitoba Department of Economics, November 2011.
- Lawley, Chad. "Protectionism versus Risk in Screening for Invasive Species," University of California, Davis Department of Agricultural and Resource Economics, January 2009.

Presentations with Selection Committees

- Lawley, Chad. "Hog Barns and Neighboring House Prices," Canadian Agricultural Economics Society Annual Meeting Webinar, June 25, 2020.
- Lawley, Chad. "Farmland ownership, land values, and adoption of conservation practices," Organized Symposium presentation at Canadian Agricultural Economics Society Annual Meeting, Ottawa, July 10, 2019.

- Cardwell, Ryan and Chad Lawley. "Support for Public Policies in Canada: A Customised Survey Experiment Applied to Supply Management," Canadian Economics Society Annual Meeting, Banff, AB, June 1, 2019. (Presented by Ryan Cardwell)
- Cardwell, Ryan and Chad Lawley. "The Role of Information in Support for Agricultural Trade Policies: A Customised Survey Experiment," International Agricultural Trade Research Consortium Annual Meeting, Washington, DC, December 9, 2019. (Presented by Ryan Cardwell)
- Lawley, Chad "Ownership Restrictions and Farmland Values: Evidence from the 2003 Saskatchewan Farm Security Act Amendment," Canadian Agricultural Economics Society Annual Meeting, Montreal, QC, June 19, 2017.
- Xiang, Di and Chad Lawley. "Assessing the Impact of British Columbia's Carbon Reduction Efforts on Residential Natural Gas Consumption: A Synthetic Control Approach," Canadian Economics Association Annual Meeting, Ottawa, ON, June 4, 2016.
- Thivierge, Vincent, and Chad Lawley. "Heterogeneous responses to BC's Carbon tax," Climate Chair Seminar, Paris, December 2015.
- Thivierge, Vincent, and Chad Lawley. "Heterogeneous responses to BC's Carbon tax," Association of Environmental and Resource Economists Annual Meeting, San Diego, July 2015.
- Lawley, Chad and Wanhong Yang. "Spatial Interactions in Habitat Conservation: Evidence from Prairie Pothole Easements," Agricultural and Applied Economics Association Annual Meeting, Minneapolis, MN, July 29, 2014.
- Nadella, Karthik, Brady Deaton, Chad Lawley, and Alfons Weersink. "Do farmers treat rented land differently than the land they own? A fixed effects model of farmer's decision to adopt conservation practices on owned and rented land," Agricultural and Applied Economics Association Annual Meeting, Minneapolis, MN, July 29, 2014.
- Lawley, Chad and Wanhong Yang. "Spatial Interactions in Habitat Conservation: Evidence from Prairie Pothole Easements," World Congress of Environmental and Resource Economists, Istanbul, Turkey, June 30, 2014.
- Hink, Matthew, Ryan Cardwell, and Chad Lawley. "An Empirical Investigation into the Determinants of Trade Policy Bias," Selected Paper, International Association of Agricultural Economists Triennial Meeting, Iguacu Falls, Brazil, August 2012.
- Lawley, Chad and Charles Towe. "Capitalized Costs of Habitat Conservation Easements," Agricultural and Applied Economics Association Annual Meetings, Seattle, WA 2012.
- Lawley, Chad and Charles Towe. "Capitalized Costs of Habitat Conservation Easements," Association of Environmental and Resource Economists Annual Meeting, Asheville, NC 2012.
- Lawley, Chad and Charles Towe. "Implicit Prices of Habitat Conservation Easements," Canadian Agricultural Economics Society-Western Agricultural Economics Association Annual Meeting, Banff, AB, 2011.

- Hink, Matthew, Ryan Cardwell, and Chad Lawley. "An Empirical Investigation into Trade Biases in Agriculture," Selected Paper, Canadian Agricultural Economics Society-Western Agricultural Economics Association Annual Meeting, Banff, AB, June 30, 2011.
- Towe, Charles and Chad Lawley. "The Contagion Effect of Neighboring Foreclosures on Own Foreclosures," North American Regional Science Council Annual Meeting, Denver, CO 2010.
- Lawley, Chad. "Protectionism versus Risk in Screening for Invasive Species," International Agricultural Trade Research Consortium Annual Meeting, Scottsdale, AZ 2008.
- Lawley, Chad. "Non-indigenous Species and Pre-emptive Trade Policy," Agricultural and Applied Economics Association Annual Meetings, Orlando, FL 2008.
- Parker, Doug, Chad Lawley, and Erik Lichtenberg. "Biases in Nutrient Management Planning," 2008 USDA-CSREES National Water Conference, Sparks NV 2008.

Workshop Presentations

- Lawley, Chad. "Policy Evaluation: Two Empirical Applications," CAES Post Conference Workshop, Evaluation of Public Policy and Programs using Observational Microdata, Canadian Agricultural Economics Society Annual Meeting, Ottawa, July 12, 2019.
- Deaton, Brady and Chad Lawley. "Farmland ownership, rental rates, and BMP adoption," Joint WEB and LEARN Meeting, Government of Canada Conference Centre, January 23, 2013.
- Lawley, Chad and Charles Towe. "Implicit Prices of Habitat Conservation Easements," Linking Environment and Agriculture Research Network Workshop, Edmonton, AB, 2012.
- Lawley, Chad and Charles Towe. "Implicit Prices of Habitat Conservation Easements," Linking Environment and Agriculture Research Network/International Water Resources Economics Consortium Workshop, Banff, AB, 2011.

Graduate Student Committees

Current and past students supervised:

- Kostal, Brandon, University of Manitoba, Department of Agribusiness and Agricultural Economics (M.Sc.), 2019-2020, Advisor
- Bourassa, Joshua, University of Manitoba, Department of Agribusiness and Agricultural Economics (M.Sc.), 2017-present, Co-advisor (with Ryan Cardwell)
- Olusola Oladesu, University of Manitoba, Department of Agribusiness and Agricultural Economics (M.Sc.), 2016-2019, Advisor
- Tao Wang, University of Manitoba, Department of Agribusiness and Agricultural Economics (M.Sc.), 2016-2018, Advisor
- Patrick Ndolo, University of Manitoba, Department of Agribusiness and Agricultural Economics (M.Sc.), 2016-2018, Advisor

> Honorable Mention 2019 Canadian Agricultural Economics Society Outstanding Master's Thesis Award

- Yuan Zhou, University of Manitoba, Department of Agribusiness and Agricultural Economics (M.Sc.), 2015-2016, Advisor
- Dexin Guo, University of Manitoba, Department of Economics (M.A.), 2015-2016, Research Paper Advisor
- Lucas Adeoye, University of Manitoba, Department of Agribusiness and Agricultural Economics (M.Sc.), 2014-2015, Advisor
- Di Xiang, University of Manitoba, Department of Economics (Ph.D.), 2013-2015, Advisor
 - ➤ Initial Placement: Associate Professor at School of Public Finance and Taxation, Southwestern University of Finance and Economics, China
 - ➤ Honorable Mention 2017 Canadian Agricultural Economics Society Outstanding Ph.D. Thesis Award
- Lukeman Awudu, University of Manitoba, Department of Agribusiness and Agricultural Economics (M.Sc.), 2012-2014, Advisor
- Karthik Nadella, University of Guelph, Department of Food, Agriculture, and Resource Economics (M.Sc.), 2012-2013, Co-advisor (With Brady Deaton)
- Matthew Hink, University of Manitoba, Department of Agribusiness and Agricultural Economics (M.Sc.), 2010-2011, Co-advisor (with Ryan Cardwell)
 - Honorable Mention 2012 Canadian Agricultural Economics Society Outstanding Master's Thesis Award

Graduate Defense Committee

- Obed Owusu, Dalhousie University, Department of Economics (Ph.D.), 2018, External Examiner
- Jonathan Mingle, University of Saskatchewan, Department of Agricultural and Resource Economics (M.Sc.), 2016, External Examiner
- Lucy Lu, University of Manitoba, Department of Agribusiness and Agricultural Economics (M.Sc.), 2015, Committee Member
- Joan Halstein, University of Manitoba, Department of Economics (Ph.D.), 2010-2015, Committee Member
- Janna Shymko, University of Manitoba, Department of Soil Science (Ph.D.), 2012, Chair of PhD Oral Defense Committee
- Vitor Dias, University of Saskatchewan, Department of Bioresource Policy, Business, and Economics (M.Sc.), 2011, External Examiner
- Jason Jones, University of Manitoba, Department of Agribusiness and Agricultural Economics (M.Sc.), 2009-2010, Committee Member

Professional Service

Canadian Journal of Agricultural Economics

Editorial Board Member, 2018-present

Canadian Agricultural Economics Society Executive Councilor (2011-2014)

Awards Committee, 2011-2012

Chair of Program Committee, CAES Annual Meeting, 2013

Program Committee, CAES Annual Meeting, 2014

Program Committee, CAES Annual Policy Conference, 2014

University of Manitoba

Terry G. Falconer Memorial Rh Institute Foundation Emerging Researcher Award Selection Committee, 2019-present

Faculty of Agriculture and Food Sciences, University of Manitoba

Nominating, 2020-present

Accessibility Advisory Committee, 2019-present

Research Committee, 2016-present

By-Laws Committee, 2012-2020

Agro-ecology Program Committee, 2014-2020

Department of Agribusiness and Agricultural Economics, University of Manitoba

Department Graduate Advisory Committee, 2013-2015

Graduate Program Curriculum Review Committee, 2014-2015

Referee service

Academic Journals

American Journal of Agricultural Economics; Agricultural and Resource Economics Review; Applied Economic Perspectives and Policy; Canadian Journal of Agricultural Economics; Canadian Public Policy; Land Use Policy; Ecological Economics; Economic Inquiry; Energy Economics; The Energy Journal; Food Policy; Journal of Agricultural and Resource Economics; Journal of the American Water Association; Journal of the Association of Environmental and Resource Economists; Journal of Environmental Economics and Management; Journal of Environmental Management; Journal of Regional Science; Nature; Manitoba Law Journal; Regional Science and Urban Economics; Review of International Organizations; World Economy

Conferences and Grants

AAEA Annual Meeting Selected Paper Abstracts; CAES Annual Meeting Selected Paper Abstracts; 28th Triennial Conference of the International Association of Agricultural

Economists; OMAFRA-University of Guelph Research Program Grant: 2015, 2016, Ag Rural Program 2017, New Directions Research Program 2017, Ag Rural Program 2019, Alliance Tier 1 Research Program 2020; Mitacs; 2017 SSHRC Insight Development Grant Committee 430-2D (Anthropology; archaeology; linguistics; translation; political science; public administration; geography; urban planning and environmental studies; and related fields); 2018 SSHRC Insight Development Grant Committee 430-09A (Geography, urban planning and related fields)