July 28, 2026

**Scott Robert Jeffrey**
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**Education:**

- University of Minnesota, St. Paul, MN. 1983-88. Ph.D. Department of Agricultural and Applied Economics.
- University of Guelph, Guelph, Ontario. 1982-83. M.Sc. (Agricultural Economics)
- University of Guelph, Guelph, Ontario. 1976-82. B.Sc. (Agr.) (Animal Science)

**Academic and Administrative Appointments:**

- January 2022 - present. Special Advisor, Faculty Relations, Office of the Provost & Vice-President (Academic), University of Alberta
- July 2006 - June 2026. Professor, Department of Resource Economics and Environmental Sociology[a], University of Alberta
- January 2016 - June 2021. Associate Dean (Academic), Faculty of Agricultural, Life and Environmental Sciences, University of Alberta
- July 1994 - June 2006. Associate Professor, Department of Rural Economy, University of Alberta
- July 1992 - June 1994. Assistant Professor, Department of Rural Economy, University of Alberta
- September 1987 - July 1992. Assistant Professor, Department of Agricultural Economics and Farm Management, University of Manitoba

**Visiting Appointments:**

- Research Associate Professor, School of Agricultural and Resource Economics, University of Western Australia. August, 2012 - June, 2013.
- Research Associate, Alberta Agriculture, Food and Rural Development. August, 2005 to June, 2006.
- Resident Fellow, Canadian Agricultural Trade Research Network. July, 1999 to June, 2000
- Adjunct Professor, Department of Agricultural Economics and Farm Management, University of Manitoba. 1992-95, 1997-2000.

[a] Until May 2011, this was the Department of Rural Economy.

**Honours:**

- Fellow of the Canadian Agricultural Agricultural Economics Society (2022)
- Faculty Distinguished Service Award (co-winner), Faculty of Agricultural, Life and Environmental Sciences (2022)
- NACTA Educator Award (2019)
- Faculty Teaching Award, Faculty of Agricultural, Life and Environmental Sciences (2011)
- Faculty of Agriculture, Forestry and Home Economics Agriculture Club Teaching Excellence (2002-03)
- Faculty of Agriculture, Forestry, and Home Economics Recipient of NACTA Teaching Award (1997)
- Teaching Wall of Fame, Faculty of Agricultural, Life and Environmental Sciences (1999, 2002, 2003, 2005, 2010, 2013, 2014, 2019)
- *Review of Agricultural Economics* Outstanding Journal Article. 2003 (with A. Weersink, A. and D. Pannell)
- *Canadian Journal of Agricultural Economics* Outstanding Journal Article. 1997 (with T.J. Richards).
- *Canadian Journal of Agricultural Economics* Outstanding Journal Article Honourable Mention. 1992. (With R.R. Gibson and M.D. Faminow)

**Professional Activities:**

- Co-Editor, *Canadian Journal of Agricultural Economics.* 2004-2008.
- Councillor, Canadian Agricultural Economics Society (CAES). 1993-1996, 2012-2015.
- Program Chair, CAES Annual Conference. 1993, 2014, 2015.
- Coordinator, CAES Annual Workshop. 1989.
- Awards Chair, CAES. 1996.
- Provincial Representative, Western Agricultural Economics Association Council. 1989-1992 (Manitoba), 2009-2016 (Alberta).

**Teaching Responsibilities:**

University of Alberta (1992-2026)

*Undergraduate Courses*

- AREC 200 Current Economic Issues for Agriculture and Food
- AREC 214 Applications of Linear Models to Food, Resources and the Environment
- AREC 323 Introduction to Management for Agri-Food, Environmental and Forest Businesses
- AREC 333 Economics of Production and Resource Management
- AREC 433 Advanced Farm and Ranch Management

*Graduate Courses*

- AREC 514 Quantitative Techniques
- AREC 533 Production Economics
- AREC 543 Advanced Topics in Production Economics

University of Manitoba (1987-1992)

*Diploma in Agriculture Courses*

- 61.042 Introduction to Farm Business Management
- 61.061 Farm Business Finance

*Undergraduate Courses*

- 61.309 Agricultural Capital and Credit

*Graduate Courses*

- 61.713 Agricultural Production Economics
- 61.739 Applied Optimization

**Contributions to Graduate Student Supervision/Examination:**

Graduate Student Supervision

- currently supervising/co-supervising three (3) graduate students
- supervised/co-supervised 24 M.Sc./M.Ag. students to completion of their degrees
- supervised/co-supervised eight (8) PhD students to completion of their degrees

Graduate Student Committee Membership

- member of supervisory committee for 20 graduate students
- arm's length examiner for 45 graduate students
- external examiner for students at McGill University, University of Saskatchewan, University of Victoria, University of Agriculture (Faisalabad), Annamalai University, University of Western Australia

Honours and Awards Received by Graduate Students

- Chenxi Liu, 2022. Canadian Agricultural Economics Society Outstanding Masters' Thesis Award
- Stephen Bruce, 2018. Honorable Mention, Canadian Agricultural Economics Society Outstanding Masters' Thesis Award
- Getu Hailu, 2006. Food Distribution Resarch Society (FDRS) William Applebaum Memorial Scholarship for Outstanding Ph.D Dissertation
- Brett Cortus, 2006. Honorable Mention, American Agricultural Economics Association Masters' Thesis Award

**Major Service Contributions:**

Department

- Graduate Coordinator (1997-99, 2006-10, 2013-2015)
- Executive Committee, The Co-operative Chair in Agricultural Marketing and Business (1992-99, 2011)

Faculty

- Member, Academic Coordinating Committee (1993-97, 2001-04)
- Chair, Agriculture/Food Business Management Program Committee (1993-97)
- Chair, Forest Business Management Program Committee (1996-97)
- Chair, Joint Business Management Program Committee (2001-04)

University

- Member, President's Review Committee (PRC) (2011-2018); Emeritus member (2018-present)
- Member, Graduate Faculty Council (1998-99, 2013-2015)

University of Manitoba

*Department of Agricultural Economics and Farm Management*

- Chair, Department Graduate Advisory Committee (1989-90)
- Chair, Department Diploma Curriculum Committee (1989-92)

*Faculty of Agricultural and Food Sciences*

- Co-Chair, Management Options for Crop Production in the 1980's and 1990's Working Group (1988-89)
- Editorial Committee for Submission to the Science Council of Canada "Sustainability of Canada's Agri-Food System: A Prairie Perspective." (1991)

*University Committees*

- Departmental Representative, Faculty Council of Graduate Studies (1990-92)

External Committees

- Advisory Committee, Western Canadian Dairy Seminar (1994-1999)
- Provincial Coordinating and Advising Group (PCAG) for the Canada-Alberta Farm Business Management Program (1997-1999)

**Research Publications and Presentations:**
(underlined co-authors are SRJ-supervised graduate students)

Journal Articles

Smith, E.G., D.G. LeRoy, S. Jeffrey, and D. Brewin. 2025. Economic trade-offs with canola-based crop rotations in the presence of clubroot (*Plasmodiophora brassicae*). *Canadian Journal of Plant Science* 105: 1-10.

Achtymichuk, J.N., M. Dyck, S.A. Quideau, E.R. Santos, D. Puurveen, S.R. Jeffrey, and E.W. Bork. 2025. Soil carbon tocks in cultivated Luvisols respond positively to long-term agronomic practices with different degrees of perennial forage inclusion. *Geoderma Regional* 43: https://doi.org/10.1016/j.geodrs.2025.e01025

Danso, G.K., S.R. Jeffrey, C. Dridi, and T. Veeman. 2021. Modeling irrigation technology adoption and crop choices: Gains from water trading with farmer heterogeneity in Southern Alberta, Canada. *Agricultural Water Management* 253: 106932.

Hartman, M.D., and S.R. Jeffrey. 2020. Estimating the economic optimal target density of hybrid canola based on data from a western Canadian meta-analysis. *Canadian Journal of Plant Science* 101: 393-407.

Le, S., S. Jeffrey, and H. An. 2020. Greenhouse gas emissions and technical efficiency in Alberta dairy production: What are the trade-offs? *Journal of Agricultural and Applied Economics* 52: 177-193.

Brown, B.A., H. An, and S.R. Jeffrey. 2020. Benefit-cost analysis of near-infrared spectroscopy technology adoption by Alberta hog producers. *Canadian Journal of Animal Science* 100: 557-569.

Lu, W., W. Adamowicz, S.R. Jeffrey, G.G. Goss, and M. Faramarzi. 2018. Crop Yield Response to Climate Variables on Dryland versus Irrigated Lands. *Canadian Journal of Agricultural Economics* 66: 283-303.

Pannell, D.J., J.M. Alston, S. Jeffrey, Y.M. Buckley, P. Vesk, J.R. Rhodes, E. McDonald-Madden, S. Nally, G. Goucher, and T. Thamo. 2018. Policy-oriented environmental research: What is it worth? *Environmental Science and Policy* 86: 64-71.

Jeffrey, S.R., D.E. Trautman and J.R. Unterschultz. 2017. Canadian agricultural business management programs: Implications for farm wealth and environmental stewardship. *Canadian Journal of Agricultural Economics* 65: 543-565

Cagdas, A. D., S.R. Jeffrey, E.G. Smith and P.C. Boxall. 2015. Environmental Stewardship and Technical Efficiency in Canadian Prairie Canola Production. *Canadian Journal of Agricultural Economics.* 64: 455-477.

Qiu, F., L. Laliberté, B. Swallow and S. Jeffrey. 2015. Impacts of Fragmentation and Neighbor Influences on Farmland Conversion: A Case Study of the Edmonton-Calgary Corridor, Canada. *Land Use Policy*. 48: 482-292.

Jeffrey, S.R., S. Koeckhoven, D. Trautman, B. Dollevoet, J.R. Unterschultz and C. Ross. 2014. Economics of riparian beneficial management practices for improved water quality: A representative farm analysis in the Canadian Prairie region. *Canadian Water Resources Journal*. 39: 449-461.

Robertson, S.M., S.R. Jeffrey, J.R. Unterschultz and P.C. Boxall. 2013. Estimating yield response to temperature and identifying critical temperatures for annual crops in the Canadian prairie region. *Canadian Journal of Plant Science.* 93:1237-1247.

Samarajeewa, S., G. Hailu, S.R. Jeffrey and M. Bredahl. 2012. Analysis of Production Efficiency of Beef Cow/Calf Farms in Alberta. *Applied Economics*. 44:313-322.

Cortus, B.G., S.R. Jeffrey, J.R. Unterschultz and P.C. Boxall. 2011. The Economics of Wetland Drainage and Retention in Saskatchewan. *Canadian Journal of Agricultural Economics.* 50:109-26.

Romero, L.F., M.J. Zuidhof, S.R. Jeffrey, A. Naeima, R.A. Renema and F.E. Robinson. 2010. A Data Envelope Analysis to Assess Factors Affecting Technical and Economic Efficiency of Individual Broiler Breeder Hens. *Poultry Science.* 89:1769-77.

Cortus, B.G., J.R. Unterschultz, S.R. Jeffrey and P.C. Boxall. 2009. The Impacts of Agriculture Support Programs on Wetland Retention on Grain Farms in the Prairie Pothole Region. *Canadian Water Resources Journal*. 34:245-54.

Hailu, G., E.W. Goddard and S.R. Jeffrey. 2007. Do co-operative Managers and Directors Differ in their Familiarity with Innovative Business Risk Management Strategies? *Journal of Co-operative Studies,* 40(2):17-27.

Hailu, G., S.R. Jeffrey and E.W. Goddard. 2007. Capital Structure, Firm Size and Efficiency: The Case of Farm Petroleum and Animal Feed Co-operatives in Canada, *Agricultural Finance Review,* 67(2):279-93.

Hailu, G, S. Jeffrey and E. Goddard. 2007. Efficiency, Economic Performance and Financial Leverage of Agribusiness Marketing Co-operatives in Canada. In *Cooperative*

*Firms in Global Market: Incidence, Viability and Economic Performance (Advances in the Economic Analysis of Participatory and Labor-Managed Firms, Volume 10)*. (S. Novkovic and V. Sena, editors). Elsevier. 47-80

Hailu, G., E.W. Goddard, and S.R. Jeffrey. 2005. Do Decision Makers Debt Risk Attitudes Affect the Agency Costs of Debt? *Current Agriculture, Food & Resource Issues: A Journal of the Canadian Agricultural Economics Society,* 6:63-80.

Hailu, G., S. Jeffrey, E. Goddard and D. Ng. 2005. Regulatory Environment, Co-operative Structure and Agency Costs for Co-operative Agribusiness Firms in Canada: Comparative Case Studies. *Journal of Food Distribution Research*, XXXVI(2):39-49.

Hailu, G., S.R. Jeffrey and J. Unterschultz. 2005. Cost Efficiency for Alberta and Ontario Dairy Farms: An Inter-regional Comparison. *Canadian Journal of Agricultural Economics,* 53(2-3):141-160.

Hailu,G., S. Jeffrey and E. Goddard. 2004. Incentive Incompatibility in Co-operative Agribusiness Firms in Canada: Does Supply Management Matter? *Journal of Food Distribution Research*, XXXV(1):110-111.

Quagrainie, K., J. Unterschultz, M. Veeman and S. Jeffrey. 2003. Testing for Processor Market Power in the Markets for Cattle and Hogs in Canada. *Canadian Journal of Agricultural Economics,* 51:397-411.

Weersink, A., S. Jeffrey and D. Pannell. 2002. Farm-Level Modeling for Bigger Issues. *Review of Agricultural Economics*, 24:123-40.

Richards, T.J. and S.R. Jeffrey. 2000. Efficiency and Economic Performance: An Application of the MIMIC Model. *Journal of Agricultural and "Resource Economics,* 25(1):232-51.

Janzen, R.A., W.B. McGill, J.J. Leonard and S.R. Jeffrey. 1999. Manure as a Resource - Ecological and Economic Considerations in Balance *Transactions of the ASAE* 42(5):1261-73.

Xu, X. and S.R. Jeffrey. 1998. Efficiency and Technical Progress in Traditional and Modern Agriculture: Evidence from Rice Production in China. *Agricultural Economics*, 18(2):157-65.

Richards, T.J. and S.R. Jeffrey. 1997. The Effect of Supply Management on Herd Size in Alberta Dairy. *American Journal of Agricultural Economics*, 79(2):555-65.

Richards, T.J. and S.R. Jeffrey. 1996. Establishing Indices of Genetic Merit Using Hedonic Pricing: An Application to Dairy Bulls in Alberta. *Canadian Journal of Agricultural Economics*, 44(3):251-64.

Jeffrey, S.R. and L. Bauer. 1995. Sustaining our Relevance: Issues and Challenges for Farm Management Research. *Canadian Journal of Agricultural Economics*, 43(1):15-21.

Jeffrey, S.R. and V.R. Eidman. 1994. Organizational Adjustments for Upper Midwestern Dairy Farmers. *Journal of the American Society of Farm Managers and Rural Appraisers*, 58(1):51-9.

Jeffrey, S.R. 1992. Efficiency in Milk Production: A Canada-U.S. Comparison. *Canadian Journal of Agricultural Economics*, 40(4):653-62.

Jeffrey, S.R., R.R. Gibson and M.D. Faminow. 1992. Nearly Optimal Linear Programming as a Guide to Agricultural Planning. *Agricultural Economics*, 8(1):1-19.

Jeffrey, S.R. and V.R. Eidman. 1991. The Application of Multivariate Stochastic Dominance Criteria to Agricultural Economic Problems. *Canadian Journal of Agricultural Economics*, 39(2):193-209.

Gibson, R.R., M.D. Faminow and S.R. Jeffrey. 1991. The North American Hard Wheat Milling Industry Under Free Trade: Spatial Equilibrium and Nearly Optimal Solutions. *Canadian Journal of Agricultural Economics*, 39(1):35-53.

Jeffrey, S.R. 1989. Future Financial Performance and Potential Structural Adjustments in Traditional Dairy Farming. *Canadian Journal of Agricultural Economics*, 36(4):871-9.

Book Chapters

Kanjilal, M., W. Adamowicz, S. Jeffrey, and J. Unterschultz. 2023. "Panel Probit Models Applied to Stated Preference Auctions: A Cost Discovery for Ecosystem Services through Wetland Restoration in the Canadian Prairies." in *Applied Econometric Analysis Using Cross Section and Panel Data*. (D. Mukherjee, editor). Singapore: Springer. 365-390.

Hailu, G., E. Goddard and S.Jeffrey. 2005. "Impact of Decision Makers Divergence in Risk Attitudes in Canada on Cooperative Management." in *Strategies for Cooperation*. (T. Theurl and E. Christian Meyer, editors). Aachen. 347-84.

Weersink, A., S. Jeffrey and D. Pannell. 2004. "Modelling Farming System Linkages." in *Intensive Agriculture and Sustainability: A Farming Systems Analysis*. (G.C. Filson, editor). Vancouver:UBC Press. 81-95.

Jeffrey, S.R. and M.D. Faminow. 1995. "Programming Models: Potential Applications to Agricultural Marketing Research." In *Prices, Products and People: Analyzing Agricultural Markets in Developing Countries* (G.J Scott, editor). Boulder, CO:Lynne Rienner Publishers. 439-60.

Research Papers

Jeffrey, S. 2019. An Economic Assessment of Greenhouse Gases and Production Efficiency for Alberta Dairy Farms. Final Project Report submitted to Alberta Agriculture and Forestry, Strategic Research and Development Program. 42 pages

Kanjilal, M. and S. Jeffrey. 2014. Benefit and cost transfer: Relationship to implementation and performance of market-based instruments. A Working Paper prepared for Sustainable Prosperity. September. 39 pages.

Haarsma, D., C. Doll, A. Bentley, F. Qiu and S. Jeffrey. 2014. Agricultural land conversion and fragmentation in Alberta: A review of land cover patterns 2000-2012 and land use policy. A report prepared for The Alberta Land Institute. August. 84 pages.

Jeffrey, S.R. and D.J. Pannell. 2013. Economics of prioritising environmental research: An expected value of partial perfect information (EVPPI) framework. Working Paper 1303. School of Agricultural and Resource Economics. The University of Western Australia. February. 31 pages.

Jeffrey, S., V. Adamowicz, M. Kanjilal, C. Solano Rivera, Q. Chen, J. Unterschultz and A. Moe. 2013. Red-Assiniboine project (RAP): Determining economic costs for land management scenarios. Boyne, Little Saskatchewan and La Salle watersheds. Final report to Agriculture and Agri -Food Canada. March. 71 pages.

Jeffrey, S., B. Cortus, B. Dollevoet, S. Koeckhoven, D. Trautman and J. Unterschultz. 2012. Farm Level Economics of Ecosystem Service Production. LEARN Research Project Report RP-01-2012. October. 46 pages.

Trautman, D., S. Jeffrey and J. Unterschultz. 2012. Beneficial Management Practice (BMP) Adoption – Direct Farm Cost/Benefit Tradeoffs. REES Project Report 12-02 (Final Report for Agricultural Funding Consortium Project 2009F018R). November. 134 pages.

Yang, J., S. Koeckhoven, S. Jeffrey and J. Unterschultz. 2012. Economic Analysis of Vegetative Buffer Zone Beneficial Management Practices (BMPs) for a Mixed Farm Operation in the Lower Little Bow Watershed. REES Staff Paper 12-02. July. 25 pages.

Goddard, E., S. Jeffrey, J. Unterschultz, M. Veeman and T. Veeman. 2009. *Agricultural Economics* in *Agricultural Sciences*, edited by Professor Robert Hudson, in Encyclopedia of Life Support Systems (EOLSS), Developed under the Auspices of the UNESCO, EOLSS Publishers, Oxford ,UK, [http://www.eolss.net]

Entem, A., J. Unterschultz, and S. Jeffrey. 2009. Ecological Goods and Services Survey Summary Prepared for: Lower Souris Watershed Committee. Project Report #09-02. 38 pages.

Dollevoet, B., S. Koeckhoven, S.R. Jeffrey and J. Unterschultz. 2009. Lower Souris Watershed Ecological Goods and Services Pilot Proposal Farm Level Economic Analysis. Report submitted to Lower Souris Watershed Committee. 71 pages.

Harper, D., J. Unterschultz and S. Jeffrey. 2008. An Overview of Agriculture in the Rural Municipalities of the Lower Souris River Watershed. Project Report #08-03. 49 pages.

Yang, D., J. Unterschultz, and S. Jeffrey. 2007. Statistical Overview of Field Crop Acres, Yields, and Prices in Western Canada. Department of Rural Economy Staff Paper 07-02. 38 pages.

Kaliel, D.A., S. Jeffrey and J. Yang. 2005. Economies of Size in Alberta Cow/Calf Operations. AgriProfits Research Bulletin. Alberta Agriculture, Food and Rural Development. May. 29 pages.

Jeffrey, S.R. and H.R. Grant. 2001. An Economic Analysis of Productive Efficiency in Alberta Dairy Production. Project Report #01-02. pp 77.

Unterschultz, J.R., and S.R. Jeffrey. 2001. Economic Evaluation of Manure Management and Farm Gate Applications: A Literature Review of Environmental and Economic Aspects of Manure Management in Alberta's Livestock Sectors. Project Report #01-03. pp 64.

Unterschultz, J., S. Jeffrey and K. K. Quagrainie. 2000. Value-Adding 20 Billion by 2005: Impact at the Alberta Farm Gate. Project Report #00-05. Pp 90.

Jeffrey, S.R., K.Z. Chen and Y. Zhao. 1998. "Implications of Interprovincial Trade Liberalization for Canadian Dairy Production and Processing." Interim Report submitted to Agriculture and Agri-Food Canada. Department of Rural Economy, University of Alberta. March. 90 pages.

Aitkin, D., J. Unterschultz and S. Jeffrey. 1998. "Case Study: Value Added in the Oats Industry in Alberta and Western Canada 1998." Staff Paper 98-07, Department of Rural Economy, University of Alberta. 46 pages.

Aitkin, D., J. Unterschultz and S. Jeffrey. 1998. "An Historical Overview of Crop Acres in Western Canada: A Graphical And Statistical Approach." Staff Paper 98-08, Department of Rural Economy, University of Alberta. 43 pages.

Richards, T.J. and S.R. Jeffrey. 1998. "Economic Performance in Alberta Dairy: An Application of the MIMIC Model." Staff Paper 98-02, Department of Rural Economy, University of Alberta. 31 pages.

Novak & Associates Consulting and S.R. Jeffrey. 1997. "A Conceptual Review of Risk and An Assessment of Needs and Potential Contributors in Research and Education." Professional Report for Alberta Agriculture and Rural Development. April.

Richards, T.J. and S.R. Jeffrey. 1996. "Cost and Efficiency in Alberta Dairy Production." Staff Paper 96-13, Department of Rural Economy, University of Alberta. 32 pages.

Bauer, L., S.R. Jeffrey and C.C. Orlick. 1995. "A Comparison of Risk between Continuous and Fallow Cropping Regimes." Project Report No. 95-08. Final Report for Alberta Agricultural Research Institute Project No. 04-0492. Department of Rural Economy, University of Alberta. December. 64 pages.

Orlick, C.C., L. Bauer and S.R. Jeffrey. 1995. "An Annotated Bibliography of Crop Rotation and Tillage Literature with Special Emphasis on the Canadian Prairies." Staff Paper 95-08, Department of Rural Economy, University of Alberta. December. 36 pages.

Richards, T.J. and S.R. Jeffrey. 1995. "Hedonic Pricing of Dairy Bulls - An Alternative Index of Genetic Merit." Project Report No. 95-04. Final Report for Alberta Agricultural Research Institute Project No. 94M658. Department of Rural Economy, University of Alberta. September. 30 pages.

Xu, X. and S.R. Jeffrey. 1995. "Efficiency and Technical Progress in Traditional and Modern Agriculture: Evidence from Rice Production in China. Staff Paper 95-02, Department of Rural Economy, University of Alberta. October. 22 pages.

Faculty of Agricultural and Food Sciences, University of Manitoba. 1994. "Sustainability of Canada's Agri-Food System - A Prairie Perspective." International Institute for Sustainable Development (IISD) Report. July. (contributed to a chapter of the report dealing with weather and climate)

Jeffrey, S.R. 1992. "Relative Technical and Economic Efficiency for Canadian and U.S. Dairy Farms." Working Paper No. 92-4, Department of Agricultural Economics and Farm Management, University of Manitoba. July. 33 pages.

Jeffrey, S.R. and V.R. Eidman. 1992. "A Stochastic Dominance Analysis of Structural Adjustment in the Upper Midwestern Dairy Sector." Working Paper No. 92-2, Department of Agricultural Economics and Farm Management, University of Manitoba. April.

Entz, M.H., S.R. Jeffrey, F.K. Mupondwa, J.K. Vessey, J. Yeomans, S. Mooney, K.C. Bamford, D.J. Kelner, D.M. Bonner and C.L. Allen. 1992. "Enhancing Agricultural and Environmental Sustainability Through the Use of Forage Crops." Final Report for the Manitoba Forage Council, Inc. March.

Mooney, S., S.R. Jeffrey and L.M. Arthur. 1991. "Economic Impacts of Climatic Change on Crop Production in the Canadian Prairie Provinces." Working Paper No. 91-1, Department of Agricultural Economics and Farm Management, University of Manitoba. July. 24 pages.

Jeffrey, S.R. and V.R. Eidman. 1990. "The Application of Multivariate Stochastic Dominance Criteria to Agricultural Economic Problems." Working Paper No. 90-7, Department of Agricultural Economics and Farm Management, University of Manitoba. May. 26 pages.

Gibson, R.R., M.D. Faminow and S.R. Jeffrey. 1990. "Economic Analysis of the Location of the Domestic Flour Milling Industry." Agriculture Canada Report. April. 118 pages.

Tyrchniewicz, A., B.E. Prentice and S.R. Jeffrey. 1990. "Market Research and Feasibility Study for a Hay Compacting Operation in the Beausejour Region." Report prepared for the Eastern Grassland Society, Beausejour, Manitoba. December. 97 pages.

Jeffrey, S.R. 1987. "The Application of Stochastic Dominance Techniques to Multi-Period Problems: Issues and Implications." Staff Paper 87-15, Department of Agricultural and Applied Economics, University of Minnesota. June. 36 pages.

Jeffrey, Scott and Karl D. Meilke. 1984. "An Economic Evaluation of an Electronic Auction for Ontario Slaughter Cattle." Departmental Publication No. AEEE/84/5, School of Agricultural Economics and Extension Education, Ontario Agricultural College, University of Guelph. September. 104 pages.

Selected Presented Papers and Proceedings
(* denotes presenter for multi-authored presentations)

Liu, C.*, S. Jeffrey and X. Fan. 2021. Economics of diversified cropping systems in the Black and Dark Gray soil zones in the Canadian Prairie region. Selected paper presentation at the CAES conference. Virtual. June.

Jeffrey, S. 2021. The role of farm-level simulation in evaluating the economics of BMP adoption. Invited presentation at CAES Policy Conference post-conference workshop. Virtual. January.

Herlein, K.*, W. Adamowicz and S. Jeffrey. 2021 The efficiency of large fire suppression in Alberta: A stochastic frontier analysis. Selected paper presentation at the CAES conference. Virtual. June.

Le Roy, D.G.*, E.G. Smith, S. Jeffrey, and D. Brewin. 2019. Economic Analysis of Crop Rotations in the Canadian Prairies. Selected Paper presented at the CEA Conference, Banff, AB. May.

Le, S.*, S. Jeffrey and H. An. 2017. Considering greenhouse gas emissions from Alberta dairy farms: Impacts on technical efficiency. Selected paper presentation at the CAES annual conference. Montreal, QC. June.

Le, S.*, S. Jeffrey and H. An. 2017. Greenhouse gas emissions and productive efficiency in Alberta dairy production: What are the tradeoffs? Selected paper presentation at the AAEA annual conference. Chicago, IL. July.

Amsalu, D.W.*, S. Jeffrey and J. Unterschultz. 2015. Cost-Benefit Analysis of Alberta's Irrigation Rehabilitation Program. Poster presented at the Canadian Society for Ecological Economics (CANSEE) and the United States Society for Ecological Economics (USSEE) 2015 Joint Biennial Conference. Vancouver, British Columbia. October.

Kanjilal, M.*, W. Adamowicz, S. Jeffrey and J. Unterschultz. 2016. Spatial cost transfer in the Canadian Prairies. Selected presentation at the European Association of Environmental and Resource Economists 22nd Annual Conference. Zurich. June.

Bentley, A.*, S. Jeffrey and F. Qiu. 2015. Alberta Farmland Values: The Impact of Agricultural Land Conversion/Fragmentation. Selected paper presentation at the joint AAEA-WAEA conference. San Francisco, California. July. An accompanying working paper (32 pages) posted to AgEcon Search, at http://purl.umn.edu/205884.

Brown, B.*, S. Jeffrey, H. An, J. Unterschultz and M-L. Swift. 2015. Benefit Cost Analysis of Near Infra-Red Spectroscopy Technology Adoption by Albertan Hog Producers. Selected paper presentation given at the joint NAREA/CAES conference. Newport, Rhode Island. June.

Bentley, A.*, S. Jeffrey and F. Qiu. 2015. The Impact of Agricultural Land Conversion/Fragmentation on Farmland Values around Major Urban Centres in Alberta. Selected paper presentation given at the joint NAREA/CAES conference. Newport, Rhode Island. June.

Becker, M.* and S. Jeffrey. 2015. The Tradeoffs between Groundwater Quality and Economic Returns from Agriculture in the Lower Little Bow Watershed in Southern Alberta. Selected paper presentation given at the joint NAREA/CAES conference. Newport, Rhode Island. June.

Qiu, F.*, L. Laliberte, B. Swallow and S. Jeffrey. 2014. Impacts of fragmentation and neighbor influence on farmland conversion: A case study of the Edmonton-Calgary corridor of Canada. Selected paper presentation at the 2014 AAEA annual conference. Minneapolis, MN. July. An accompanying working paper (31 pages) posted to AgEcon Search, at http://purl.umn.edu/170147

Jeffrey, S.*, D. Trautman and J. Unterschultz. 2013. Impact of Canadian BRM programs on producer (dis)incentives to adopt BMPs. Selected paper presentation at the Australian Agricultural and Resource Economics Society Conference. Sydney, Australia. February.

Jeffrey, S.*, T. Goddard and B. Swallow. 2013. An overview of agricultural carbon offset trading in Alberta, Canada. Invited presentation at the Australian Agricultural and Resource Economics Society pre-conference workshop "Agriculture - Source or Sink? Farm level implications of pricing carbon and policy responses to manage greenhouse gas emissions". Sydney, Australia. February.

Li, Z.*, S. Jeffrey, H. An, J. Unterschultz and M-L Swift. 2013. Benefit-Cost analysis of NIRS feeding initiative for the Alberta livestock industry. Selected paper presentation at the WAEA conference. Monterey, CA. June.

Cagdas, A., S. Jeffrey*, E. Smith and P. Boxall. 2013. Adoption of BMPs and technical inefficiency in Canadian canola production. Selected paper presentation at the joint AAEA-CAES conference. Washington, DC. August. An accompanying working paper (28 pages) posted to AgEcon Search, at http://purl.umn.edu/150200

Jeffrey, S.*, D. Trautman and J. Unterschultz. 2013. Canadian business risk management programs: Implications for farm wealth and environmental stewardship. Selected paper presentation at the joint AAEA-CAES conference. Washington, DC. August. An accompanying working paper (34 pages) posted to AgEcon Search, at http://purl.umn.edu/149881

Jeffrey, S.* and D. Pannell. 2013. Economics of prioritising environmental research. Selected poster presentation at the Australian Agricultural and Resource Economics Society Conference. Sydney, Australia. February.

Barnes, K.*, J. Unterschultz and S. Jeffrey. 2012. Farm-Level Analysis of Nutrient Management BMPs in the Pipestone Creek Watershed. Presentation at the Canadian Soil Science Society Conference. Lac Beauport, Quebec. June.

Kanjilal, M.* and S. Jeffrey. 2012. Net Private and Social Benefits of Agri-BMP Adoption: Behavioural Factors and Transferability. Presentation at the 18th International Symposium on Society and Resource Management – Linking the North and the South: Responding to Environmental Change. Edmonton, Alberta. June.

Trautman, D., S. Jeffrey* and J. Unterschultz. 2011. Economics of Beneficial Management Practices on Alberta Cropping Operations. Presentation given at the joint CAES/WAEA conference. Banff, AB. June.

Robertson, S.*, J. Unterschultz and S. Jeffrey. 2010. Climate Change and Agricultural Land Use in the Canadian Prairies. Selected paper presentation given at the joint AAEA/CAES conference. Denver, CO. July.

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