

FENG QIU

Tel: (780) 492-0816 ◊ Fax: (780) 492-0268 ◊ Email: feng.qiu@ualberta.ca

Department of Resource Economics & Environmental Sociology

509 General Services Building ◊ University of Alberta, Edmonton, AB, T6G 2H1

RESEARCH INTERESTS

Land use and land use economics
Price and volatility modeling
Neighborhood food environment
Renewable and sustainable energy

EDUCATION

PhD in Economics (Minor in Statistics), North Carolina State University, Raleigh, 2012

- Dissertation: “Three Essays on Government Policy and Agricultural Markets”
- Advisors: Barry K. Goodwin and J.P. Gervais

MA in Economics, North Carolina State University, Raleigh, 2006

BA in International Trade, Nanjing University of Finance and Economics, Nanjing, 2003

EMPLOYMENT

Associate Professor, Department of Resource Economics & Environmental Sociology, University of Alberta, July 2018 –

Assistant Professor, Department of Resource Economics & Environmental Sociology, University of Alberta, August 2012 – June 2018

EDITORIAL SERVICES

Editor (one of the four), *Agribusiness: An International Journal*, January 2024 –

Editorial Board, *Canadian Geographies / Géographies canadiennes*, February 2024 –

Editorial Board, *Canadian Journal of Agricultural Economics/Revue canadienne d'agroeconomie*, 2016 –

AWARDS AND HONORS

12. *NACTA Teaching Award of Merit*, in recognition of excellence in undergraduate teaching, 2022
11. *2020-2021 ALES Teaching Hall of Fame*, University of Alberta, 2021
10. Advisor to the CAES Outstanding Thesis Award Winner (Yangzhe Cao), 2019
9. Nominated for the *Research and Innovation Award*, Faculty of Agricultural, Life & Environmental Sciences (ALES), University of Alberta, 2017
8. Advisor to the CAES Outstanding Thesis Award (Darren Haarsma), 2015

7. Advisor to the Canadian Agricultural Economics Society (CAES) Outstanding Thesis Award, Honorable Mention (Miao Zhen), 2015
6. German Society of Economic and Social Sciences (GEWISOLA) *Best Paper Award*, with L. Gotz, J.P. Gervais, and T. Glauben, 2013
5. *CALS Professional Development Award*, North Carolina State University, October 2011
4. *NACTA Graduate Student Teaching Award*, North American Colleges and Teachers of Agriculture, June 2011
3. *CALS Outstanding Contributions to Teaching and Advising Award*, North Carolina State University, May 2011
2. College of Agricultural and Life Science (CALS) *Outstanding Graduate Student Teaching Award*, North Carolina State University, April 2011
1. *University Outstanding Teaching Assistant*, North Carolina State University, March 2011

PUBLICATIONS

Refereed Journal Articles

Summary: As of Jan 2024, I have 44 manuscripts published or forthcoming. Of these publications, I am lead author on 7, senior author for 17¹, and co-author on 20. Corresponding author (*).

44. Wei, Y, **F. Qiu**, H. An, X. Zhang, C. Li, X. Guo. 2024 “Exogenous oil supply shocks and global agricultural commodity prices: The role of biofuels.” *International Review of Economics & Finance* 92: 394-414. (Co-author. Impact: 4.5)
43. McKnight, C., G. Hauer, M. Luckert, and **F. Qiu**. 2024 “Bioenergy Feedstock Supply from Wheat Straw: A Farm Level Model Incorporating Trade-offs in Crop Choices, Disease Risk and Soil Fertility.” *Canadian Journal of Agricultural Economics* Forthcoming (Co-author. Impact: 9.0)
42. Zheng, Y., M. Yang, H. An, and **F. Qiu**. 2024 “Do People Value Farmers Markets: A Spatial Hedonic Pricing Model Approach.” *Agricultural and Resource Economics Review* Forthcoming (Senior author. Impact: 1.3)
41. Zheng, Y., M. Yang, H. An, and **F. Qiu**. 2024 “The Impact of COVID-19 on Price Transmission and Volatility Spillovers in the Canadian Beef Supply Chain.” *Canadian Journal of Agricultural Economics* Forthcoming (Senior author. Impact: 9.0)
40. Liu, J., **F. Qiu**, T. Zhang, and H. Liu. 2023. “Dynamics of green economic development in countries joining the belt and road initiative: Is it driven by green investment transformation?” *Journal of Environmental Management* 347: 118969. (Co-author. Impact: 8.7)
39. Zhang, W., M. Luckert, and **F. Qiu***. 2023. “Asymmetric price transmission and impulse responses from US crude oil to jet fuel and diesel markets.” *Energy* 283: 128425. (Co-authored with a graduate student I supervised. Impact: 9.0)
38. Zhang, W., **F. Qiu**, M. Luckert, J. Anderson, and A. McPhee. 2023. “Potential supplies of fuel-grade canola oil for low-carbon fuel production in Alberta, Canada: GIS analysis using an improved service-area approach.” *BioEnergy Research* In press. (Co-authored with a graduate student I supervised. Impact: 3.6)

¹In addition to fulfilling the criteria for authorship, my role as a senior author also involves developing research ideas and methods, and training the student co-authors.

37. Lim, M, M. Luckert, and **F. Qiu**. 2023. "Economic Opportunities and Challenges in Biojet Production: A Literature Review and Analysis." *Biomass and Bioenergy* 170: 106727. (Co-author. Impact: 5.77)
36. Wang, X., Q. Tong, **F. Qiu**, and J. Zhang. 2023. "Predicting residents' adoption of living environment improvement practices toward sustainable development: the role of internet use." *Journal of Environmental Planning and Management* 66(3): 621-41. (Co-author. Impact: 3.37)
35. Curtis, M., **F. Qiu***, M. Luckert, and G. Hauer. 2023. "Price volatility spillovers between Canadian and US, agricultural and fuel markets." *Biofuels* 14(1), 59-67. (Co-authored with a graduate student I supervised. Impact: 2.73)
34. Hu, Z, H. Kobori, B. Swallow, and **F. Qiu**. 2022. "Willingness to pay for multiple dimensions of green open space: applying a spatial hedonic approach." *Canadian Journal of Agricultural Economics* 70(3): 179-201. (Co-authored with two graduate students I supervised. Impact: 11.35)
33. Fan, J, S. Anders, and **F. Qiu**. 2022. "Vertical Price Transmission in the Canadian Beef Industry: Does the Canada-US Exchange Rate Matter?" *Estey Centre Journal of International Law and Trade Policy*. 23(1): June. (Co-authored with a graduate student I supervised.)
32. **Qiu, F***, Q. Tong, and J. Zhang. 2022. "Investigate the Impact of Economic Development on Natural Landscape Conservation: the Role of Spatial Spillover Effects." *Environment and Development Economics* 27(4): 357-373. (Lead author. Impact factor: 2.38)
31. Yang, M., **F. Qiu** and J. Tu. 2022. "Premiums for Residing in Unfavorable Food Environments: Are People Rational?." *International Journal of Environmental Research and Public Health* 19(12): 6956. (Senior author. Impact factor: 4.61)
30. Tu, J., **F. Qiu** and M. Yang. 2022. "Investigation of whether people are willing to pay a premium for living in food swamps: A study of Edmonton, Canada." *Sustainability* 14(10): 5961. (Senior author. Impact factor: 3.89)
29. Zeng, Y., **F. Qiu** and J. Zhang. 2022. "The impacts of observational learning and word-of-mouth learning on farmers' use of biogas in rural Hubei, China: does interpersonal trust play a role?" *Energy, Sustainability and Society* 12(1): 1-16. (Co-author. Impact: 4.49)
28. Curtis, M., **F. Qiu**, M. Luckert, and G. Hauer. 2021. "Prices for a second-generation biofuel industry in Canada: Market linkages between Canadian wheat and US energy and agricultural commodities." *Canadian Journal of Agricultural Economics* 69(3): 337-351. (Co-authored with a graduate student I supervised. Impact: 11.35)
27. **Qiu, F***. and Q. Tong. 2021 "A spatial difference-in-differences approach to evaluate the impact of light rail transit on property values." *Economic Modelling* 99: 105496. (Lead author. Impact factor: 3.88)
26. An, H., **F. Qiu**, and J. Rude. 2021 "Volatility spillovers between food and fuel markets: Do administrative regulations affect the transmission?" *Economic Modelling* 120: 105552. (Co-author. Impact factor: 3.88)
25. Zheng, Y., C. Doll, **F. Qiu**, J. Anderson, G. Hauer, and M. Luckert. 2021. "Potential ethanol biorefinery sites based on agricultural residues in Alberta, Canada: a GIS approach with feedstock variability." *Biosystems Engineering* 204: 223-234. (Co-author. Impact factor: 5.00)
24. Doll, C., G. Hauer, **F. Qiu**, and M. Luckert. 2021 "Co-movement of Prices between Biofuel Co-products in Canada: Ethanol, Electricity, and Pellets." *Canadian Journal of Forest Research* 51(7): 1072-1079. (Co-author. Impact factor: 2.33)
23. Cao, Y., B. Swallow, and **F. Qiu**. 2021. "Effects of a Development Policy on Residential Property Values and People's Willingness to Pay for Open Space: An Endogeneity-Switching Approach."

- Land Use Policy* 102: 105183. (Co-author. Impact factor: 6.19)
22. Zheng, Y. and **F. Qiu*** 2020. "Bioenergy in the Canadian Prairies: Assessment of accessible biomass from agricultural crop residues and identification of potential biorefinery sites." *Biomass & Bioenergy* 140: 105669. (Senior author. Impact factor: 5.06)
 21. Tong, Q. and **F. Qiu***. 2020. "Population Growth and Land Development: Investigating the Bi-directional Interactions." *Ecological Economics* 169: 106505. (Senior author. Impact factor: 5.39)
 20. Yang, M., H. Wang, and **F. Qiu***. 2020. "Neighborhood Food Environments Revisited: When Food Deserts Meet Food Swamps" *The Canadian Geographer* 64(1): 135-154. (Senior author. Impact factor: 1.50)
 19. Zuo, A., **F. Qiu**, and S. Wheeler. 2019. "Examining volatility dynamics, spillovers and government water recovery in Murray-Darling Basin water markets." *Resource and Energy Economics* 58: 101-113. (Co-author. Impact factor: 2.37)
 18. Yang, M., H. Wang, and **F. Qiu**. 2019. "The Built Environment of Schools: Access to Unhealthy Food Outlets and Outdoor Recreational Facilities." *Cities: The International Journal of Urban Policy and Planning* 87: 229-237. (Senior author. Impact factor: 3.853)
 17. Zhen, M., J. Rude, and **F. Qiu**. 2018. "Price Volatility Spillovers along the Canadian Cattle Supply Chain." *Canadian Journal of Agricultural Economics. Canadian Journal of Agricultural Economics* 66(2): 209-229. (Co-authored with a graduate student I supervised. Impact factor: 1.052)
 16. Wang, H., and **F. Qiu.*** 2018. "Spatial disparities in neighborhood public tree coverage: Do modes of transportation matter" *Urban Forestry & Urban Greening* 29: 58-67. (Senior author. Impact factor: 2.113)
 15. Wang, H. and **F. Qiu.*** 2017. "Investigating the Impact of Agricultural Land Losses on Deforestation: Evidence from a Peri-urban Area in Canada." *Ecological Economics* 139: 9-18. (Senior author. Impact factor: 2.965)
 14. Wang, H., and **F. Qiu**. 2017. "Investigation of the Dynamics of Agricultural Land at the Urban Fringe: A Comparison between Two Peri-urban Areas in Canada." *The Canadian Geographer* 61(3): 457-470. (Senior author. Impact factor: 0.896)
 13. Haarsma, D., and **F. Qiu***. 2017. "Assessing Neighbor and Population Growth Influences on Agricultural Land Conversion." *Applied Spatial Analysis and Policy* 10 (1): 21-41. (Co-authored with a graduate student I supervised. Impact factor: 1.825)
 12. An, H., **F. Qiu**, and Y. Zheng. 2016. "How Do Export Controls Affect Price Transmission and Volatility Spillovers in the Ukrainian Wheat and Flour Markets?" *Food Policy* 62: 142-50. (Lead author. Authorship listed alphabetically. Impact factor: 3.086)
 11. Ruan, X., **F. Qiu***, and M. Dyck. 2016. "The Effects of Environmental and Socio-Economic Factors on Land-Use Changes." *Environmental Monitoring and Assessment* 188 (8): 1-31. (Co-author. Impact factor: 1.687)
 10. Work, J., **F. Qiu**, and M.K. Luckert. 2016. "Examining Hardwood Pulp and Ethanol Prices for Improved Plantations in Canada." *Forest Policy and Economics* 70: 9-15. (Co-authored with a graduate student that I supervised. Impact factor: 1.982)
 9. Gotz, L., **F. Qiu**, J.P. Gervais, and T. Glauben. 2016. "Export Restrictions and Smooth Transition Cointegration: Export Quotas for Wheat in Ukraine." *Journal of Agricultural Economics* 67 (2): 398-419 . (Shared lead authorship with Gotz. Impact factor: 1.795)

8. Wang, H. and **F. Qiu**. 2016. “Fresh Food Access Revisited.” *Cities: The International Journal of Urban Policy and Planning* 51: 65-73. (Senior author. Impact factor: 2.449)
7. **Qiu, F.***, and J. Rude. 2016. “Extreme Dependence in Price Transmission Analysis.” *Applied Economics* 48 (46): 4379-92. (Lead author. Impact factor: 0.586)
6. Wang, H., **F. Qiu***, and X. Ruan. 2016. “Loss or Gain: A Spatial Regression Analysis of Switching Land Conversion between Agriculture and Natural Land.” *Agriculture, Ecosystems and Environment* 221: 222-234. (Senior author. Impact factor: 4.099)
5. Wang, H., L. Tao, **F. Qiu**, and W. Lu. 2016. “The Role of Socio-economic Status and Spatial Effects on Fresh Food Access: Two Case Studies in Canada.” *Applied Geography* 67: 27-38. (Senior author. Impact factor: 2.687)
4. **Qiu, F.***, L. Laliberté, B. Swallow, and S. Jeffrey. 2015. “Impacts of Fragmentation and Neighbor Influence on Farmland Conversion.” *Land Use Policy* 48: 482-494. (Lead author. Impact factor: 3.089)
3. Lu, W. and **F. Qiu.*** 2015. “Do Food Deserts Exist in Calgary, Canada?” *The Canadian Geographer* 59 (3): 267-82. (Senior author. Impact factor: 0.896)
2. Wang, H., **F. Qiu***, and B. Swallow. 2014. “Can Community Gardens and Farmers Markets Relieve Food Desert Problems? A Study of Edmonton, Canada.” *Applied Geography* 55: 127-37. (Senior author. Impact factor: 2.687)
1. **Qiu, F.**, B. Goodwin, and J.P. Gervais. 2011. “An Empirical Investigation of the Linkages between Government Payments and Leasing Arrangements.” *Journal of Agricultural and Resource Economics* 36 (3): 536-51. (Lead author. Impact factor: 0.860)

RESEARCH GRANTS

12. **\$150,000. Qiu, F. (PI)** with Brent Swallow. “Battling Inflation and Its Ripple Effects: The Impact of High Interest Rates on Alberta’s Real Estate Market Amid Post-COVID-19 Recovery.” Alberta Real Estate Foundation (AREF). **2024–2026.**
11. **\$499,080. Qiu, F. (PI)** with Vic Adamowicz, Brent Swallow, and David Olefeldt “Modelling Peatland Disturbance Conversion in Alberta: Understanding Baselines.” Environment and Climate Change Canada. **2023–2027.**
10. **\$198,583. Qiu, F. (PI)** “Quantitative Analysis of Immigration’s Role in Canada’s Housing Crisis and Federal-Provincial Immigration Agreement”, a sub-grant of “Migrant Integration in the mid-21 Century: Bridging Divides.” The Canada First Research Excellence Fund (CFREF). **2023–2026.** (CFREF – Bridging Divides. Project total: \$98.6 Million; led by Toronto Metropolitan University. UofA Lead: Sandeep Agrawal.)
9. **\$700,000. Qiu, F. (PI)** with M. Luckert (Principal Applicant), G. Armstrong, X. Fan, and H. An. “Future Energy Systems FES Work Package: Investment Decisions and Policy Analysis.” Future Energy Systems. **2017–2025.**
8. **\$300,000. Qiu, F. (PI for the economic and policy component)** with M. Luckert (PI for the economic and policy component) and G. Armstrong. “Upgrading University of Alberta’s LTH technology to Biojet.” Alberta Biojet Initiative. **2019–2023.** (Project total: \$7,404,000. PI: David Bressler.)
7. **\$50,000. Qiu (co-PI)** with B. Swallow (PI). “Fragmentation and conservation of agricultural land.” Alberta Real Estate Foundation. **July 2020–December 2021.**

6. **\$4,130. Qiu (PI).** “The Impact of Public Open Space on Residential Housing Decisions.” Support for the Advancement of Scholarship, University of Alberta. June **2018–February 2019.**
5. **\$450,000 (for the GE^3LS component). Qiu, F. (co-investigator)** with E. Goddard (PI for the GE^3LS component) and many others. “Application of Genomics to Improve Disease Resilience and Sustainability in Pork Production.” Genome Canada. **2015–2018.** (Project total: 4,000,000. PI: M. Dyck.)
4. **\$112,500. Qiu, F. (co-investigator)** with M. Luckert (PI) and D. Yemshanov. “Feedstocks for Biofuels.” BioFuelNet Canada, Genome Alberta, Genome British Columbia, Alberta Innovates-Bio Solutions. **2015–2017.**
3. **\$300,000. Qiu, F. (co-investigator)** with S. Jeffrey (PI), B. Swallow, and A. Sanchez. “Economic Evaluation of Farmland Conversion and Fragmentation in Alberta.” Alberta Land Institute. **2013–2016.**
2. \$300,000. **Qiu, F. (co-investigator)** with E. Davies (PI), M. Dyck, S. Jeffery, and J. Unterschultz. “Systems Modeling Sustainable Land and Water Policy in Alberta’s Irrigation Sector.” Alberta Land Institute. 2013–2017.
1. **\$30,000. Qiu, F. (PI)** with J. Rude and J. Unterschultz. “Price Volatility Analysis for Western Canadian Cattle Producers.” Farm Credit Canada. **2012–2014.**

INVITED RESEARCH TALKS (PRESENTER IN BOLD)

38. **Qiu, F.** “Lower-grade canola oil for biofuel: production capacity and potential impacts on food supply and price.” Lightning talks, presented at the 14th Annual Canadian Agri-Food Policy Conference, Ottawa, Ontario, Jan 26, 2024.
37. **Qiu, F.** “Cultivating a Greener Future: Sustainable Agriculture and Biofuel. Foundations Summit for Sustainability and Leadership (FSSL) 2023, Edmonton, Canada, October 21, 2023.
36. **Zheng, Y., M. Yang, H. An, and F. Qiu.** “The Impact of COVID-19 on Price Transmission and Volatility Spillovers in the Canadian Beef Supply Chain.” Research talks, presented at the 2023 CAES Annual Meeting, Special session: Papers from the CJAE Special Issue in Honor of James Rude, Whistler, BC, July 18, 2023.
35. McKnight, C., G. Hauer, M. Luckert, and **Qiu, F.** “Biofuel Feedstock Supply from Wheat Straw: A Farm Level Model Incorporating Trade-offs in Crop Choices, Disease Risk and Soil Fertility.” Research talks, presented at the 2023 CAES Annual Meeting, Special session: Papers from the CJAE Special Issue in Honor of James Rude, Whistler, BC, July 18, 2023.
34. **Qiu, F.** “The Resilience of Biofuel Supply: Feedstock Availability, Financial Viability, and Market Competition.” Research talks, presented at the 13th Annual Canadian Agri-Food Policy Conference, Ottawa, Ontario, Jan 26, 2023.
33. **Qiu, F.** “Thought for Fuel: Planning Canada’s Biofuel Roadmap.” Energy Talks, invited by Edmonton Public Library and Future Energy Systems, April 27, 2022.
32. **Qiu, F..** “Biofuel Opportunities for the Canadian Prairies and Alberta.” Webinar, invited by Alberta Institute of Agrologists, Alberta, October 14, 2021.
31. **Qiu, F., G. Hauer, and J. Anderson.** “Investment Decisions and Policy Analysis of Biomass Energy.” Webinar, invited by ExxonMobil, 1 February 2021.
30. **Qiu, F. and Yang, M.** “Willingness to Pay for Residing in Food Deserts and Food Swamps: Are People Rational?.” Virtual Seminar, invited by Huazhong University of Science and Technology, China, December 10, 2020.

29. **Luckert, M.** and F. Qiu. “Economic Aspects of Biojet.” Virtual, Alberta Biojet Initiative, 30 September 2020.
28. Cao, Y., B. Swallow, and **F. Qiu.** “Does a Municipal Development Policy Affect Property Values? A Spatial Quasi-Experimental Hedonic Model Approach.” Virtual Seminar, invited by Huazhong Agricultural University, China, June 17, 2020.
27. **Luckert, M. and F. Qiu.** “Economic and Policy Considerations for Biomass Energy.” University of Alberta and University of Calgary Bioenergy Research Group, Virtual Workshop, February 28, 2020.
26. **Qiu, F.** “Healthy vs. unhealthy: Willingness to pay for access to heterogeneous food outlets.” Seminar, Zhongnan University of Economics and Law, Wuhan, China, December 9, 2019.
25. **Qiu, F.** and Yang, M. “Are people willing to pay for improving food environment? Evidence from a spatial hedonic analysis of residential property values.” Seminar, Zhejiang University, Hangzhou, China, December 6, 2019.
24. **Qiu, F.** and Yang, M. “Are people willing to pay for improving food environment? Evidence from a spatial hedonic analysis of residential property values.” Seminar, Huazhong Agricultural University, Wuhan, China, November 27, 2019.
23. Tong, Q. and **F. Qiu.** “Population growth and land development: Investigating the Bi-directional interactions.” The 2019 International Summer Conference on Sustainable Agriculture and the Environment, Wuhan, China, August 6, 2019.
22. **Qiu, F.** “An Introduction to My Research in Agricultural and Resource Economics.” 2018 CAES Annual Conference, Vancouver, July 28, 2018.
21. **Qiu, F.** “An Introduction to My Research in Agricultural and Resource Economics.” 2018 ACCP Research Symposium, Edmonton, June 26, 2018.
20. **Qiu, F.** “Dynamic Conditional Correlations and Tail Dependence: Vertical Price Co-movement in the U.S. Pork Industry.” REES Seminar, University of Alberta, Edmonton, Canada. May 4, 2018.
19. **Qiu, F.** and J. Rude. “Canadian BRM Programs Revisited.” Presented at the Annual Agri-food Policy Conference, Ottawa, January 2018.
18. **An, H., F. Qiu,** and J. Rude. “Price Volatility and Spillovers in Food and Fuel Markets under a Binding Blend Wall.” Presented at the Department of Food, Agricultural & Resource Economics Seminar, University of Guelph, Guelph. December, 2017.
17. Zhen, M, **J. Rude,** and F. Qiu. “Price Volatility along the Canadian Cattle Supply Chain.” Presented at the Department of Agribusiness and Agricultural Economics Seminar, University of Manitoba, Winnipeg. August 2017.
16. Haarsma, D., H. Wang, F. Qiu, and **S. Jeffrey.** “Agricultural Land Conservation in Alberta.” 2016 Alberta Land Institute Land Use Conference, Edmonton, May 2016.
15. **Swallow, B., F. Qiu,** H. Wang, and Q. Wang. “Research on the Multiple Values of Farmland in Alberta.” 2016 Alberta Land Institute Land Use Conference, Edmonton, May 2016.
14. **An, H., F. Qiu,** and J. Rude. “Price Volatility and Spillovers in Food and Fuel Markets.” Presented at the AFBI Seminar, Department of Bioresource Policy, Business and Economics, University of Saskatchewan, October 2015.
13. **Lu, W. and F. Qiu.** “Do Food Deserts Exist in Calgary, Canada?” Presented at the Intersections (a seminar series exploring place, community and local governance) hosted by City-Region Studies

Centre, in collaboration with the University of Alberta Planning Program, Edmonton, November 2014.

12. **Lu, W.** and F. Qiu. “Do Food Deserts Exist in Calgary, Canada?” Presented at the UofA GIS Day, Edmonton, November 2014.
11. **Qiu, F., and L. Laliberté.** “Data and Methods for Local Food Issues and Research.” Panel discussion, Food Desert Mapping—Methods and Implications Workshop, Edmonton, September 2014.
10. **Wang, H.,** F. Qiu, and B. Swallow. “Can Community Gardens and Farmers Markets Relieve Food Desert Problems? A Study of Edmonton, Canada?” Presented at the Food Desert Mapping—Methods and Implications Workshop, Edmonton, September 2014.
9. **Qiu, F.** “Environmental Kuznets Curve: New Evidence from Modeling the Nonlinear Endogenous Long-Run Relationship between CO₂ and GDP.” Presented at the REES Seminar Series, March 2014.
8. **Ruan, X.,** F. Qiu, and M. Dyck. “Land Use Change Scenarios and Risk Analysis.” Presented at the Systems Modeling for Sustainable Land and Water Policy in Alberta’s Irrigation Sector Workshop, Lethbridge, January 2014.
7. **Qiu, F.,** L. Laliberté, B. Swallow, and S. Jeffrey. “Farmland Conversion and Fragmentation: A Case Study of Alberta, Canada.” Presented at the Alberta Agriculture and Rural Development, Edmonton, October 2013.
6. **Qiu, F.,** L. Laliberté, B. Swallow, and S. Jeffrey. “Farmland Conversion and Fragmentation: A Case Study of Alberta, Canada.” Presented at the REES Seminar Series, September 2013.
5. **Qiu, F.** “Modeling Agricultural Markets in a New Risk Environment.” Presented at the Alberta Agriculture and Rural Development annual meeting, Red Deer, May 2013.
4. **Gotz, L.,** Feng Qiu, J.P. Gervais, and T. Glauben. “Export Restrictions and Multiple Spatial Price Equilibria When International Prices Spike: Export Quotas for Wheat in Ukraine.” Invited paper at the IATRC Annual Meeting, San Diego, December 2012.
3. **Qiu, F.** “The Law of One Price under the State-Dependent Policy Intervention: An Application to the Ukrainian Wheat Market.” Presented at the Economics Seminar at the Leibniz Institute of Agricultural Development in Central & Eastern Europe in Halle, Germany, November 2011.
2. **Qiu, F.,** and B. Goodwin. “Using the NOAA Hail and Weather Data to Model Horticultural Crop Production Risk.” Presented at the Financial Crisis Inquiry Commission (FCIC) Board meeting in Washington, DC, August 2011.
1. **Qiu, F.,** J.P. Gervais, and B. Goodwin. “An Empirical Investigation of the Impacts of Government Subsidies in Farmland Rental Rates.” Presented at the Agricultural and Applied Microeconomics Seminar Series at NC State University, November 2010.

SELECTED PRESENTATIONS

Oral Presentations (presenter in bold)

- **Kobori,** B. Swallow, and F. Qiu. “COVID-19 Pandemic Impacts on Preference for Urban Green Space and Green Equity.” Virtually presented at the Annual Meeting of the Canadian Agricultural Economics Society (CAES), 9-11 August 2022.
- **Kobori,** B. Swallow, and F. Qiu. “COVID-19 Pandemic Impacts on Preference for Urban Green Space and Green Equity.” Presented at the Canadian Economics Association (CEA) Annual Conference, Ottawa, 3-4 June 2022.

- **Kobori, B.** Swallow, and F. Qiu. “COVID-19 Pandemic Impacts on Preference for Urban Green Space and Green Equity.” Virtually presented at the Environmental Studies Association of Canada (ESAC) Annual Meeting, 16 May 2022.
- **Tu, J., M. Yang,** and F. Qiu. “The value of healthy eating vs. the value of convenience: Investigating the willingness to pay for living in food swamps.” Virtually presented at the AAEA Annual Meeting, Kansas City, Missouri, 26 July 2021.
- **Yang, M.,** T. Juan, and F. Qiu. “Willingness to Pay for Access to Healthy and Unhealthy Food Suppliers: the Role of the Food Environment.” Virtually presented at the AAEA Annual Meeting, Kansas City, Missouri, 26 July 2021.
- **Zhang, W., F. Qiu, M. Luckert, and J. Anderson.** “The Potential of Low Grade Canola Feedstock for Biojet Refineries in Alberta: A GIS-Based Analysis.” Research meeting with an industry partner Forge Hydrocarbons. 14 June 2021.
- **Zhang, W.,** M. Luckert, F. Qiu. “Are Jet Fuel and Diesel Prices Vulnerable to Crude Oil Markets? Implications for Emerging Energy Sources.” Virtually presented at the Alberta Alumni Assoc. and FES Event, 10 June 2021.
- **Qiu, F.** “The development of advanced biofuels: potential impacts on land use and ecosystems.” Virtual Presentation, hosted by Alberta Land Institute, 9 June 2021.
- **Luckert, M.** and F. Qiu. “The development of advanced biofuels: potential impacts on land use and ecosystems.” Virtual Presentation, Alberta Biojet Initiative Steering Committee Meeting, 9, June 2021.
- **Zhang, M. M. Luckert, F. Qiu.** “Are Jet Fuel and Diesel Prices Vulnerable to Crude Oil Markets? Implications for Emerging Energy Sources.” Virtual conference using Twitter, UAlberta Innovation Showcase, 10 May 2021.
- **Lim, M.,** M. Luckert, and F. Qiu. “Getting Biojet Off The Ground.” Bite-Sized Research Video, organized by Future Energy Systems (FES), 1 June 2020.
- **Tong, Q.,** F. Qiu, and J. Zhang. “Response of Agricultural Commodity Prices to Energy Shocks: New Evidence from China.” 2019 CAES Annual Meeting, Ottawa, 10 July 2019.
- **Tong, Q. and F. Qiu.** “Population growth and land development: Investigating the Bi-directional interactions.” 2019 CEA Annual Meeting, Banff, Alberta, 1 June 2019.
- **Zheng, Y.,** E. Goddard, and F. Qiu. “Exploring the Effect of Disease Outbreaks on Farm Structure Change: A Dynamic Analysis for Canadian Pig Industry.” Presented at the AAEA Annual Meeting, Washington DC, August 2018.
- **Fan, J.,** S. Anders, and F. Qiu. “Exchange-Rate Effects on Pass-through in the Canadian Beef Industry.” Presented at the CAES Annual Meeting, Montreal, June 2017.
- **Zheng, Y.,** E. Goddard, and F. Qiu. “The Effects of Pig Diseases on Structural Change in the Canadian Pig Industry: National Level versus Individual Census District Level.” Presented at the CAES Annual Meeting, Montreal, June 2017.
- **Zheng, Y.,** and F. Qiu. “Modelling Market Linkages along the Vertical Supply Chain: Price Transmission and Volatility Spillovers in the U.S. Pork Industry?” Presented at the AAEA Annual Meeting, Boston, August 2016.
- **Wang, H.,** and F. Qiu. “Neighborhoods’ Food Environments Revisited: Food Deserts or Food Swamps?” Presented at the AAEA Annual Meeting, Boston, August 2016.
- **Wang, H.,** and F. Qiu. “Investigating the Spatial Effects of Agricultural Land Abandonment and Expansion.” Presented at the AAEA Annual Meeting, Boston, August 2016.

- **Wang, H.**, and F. Qiu. “Investigating the Neighborhood Effects of Agricultural Land Abandonment and Expansion: Evidence from the Edmonton-Calgary Corridor.” Presented at the CAES Annual Meeting, Victoria, BC, June 2016.
- **Bentley, A.**, S. Jeffrey, and F. Qiu. “Does Farmland Fragmentation and Conversion Affect Land Values? Evidence from Alberta, Canada.” Presented at the 2016 Alberta Land Institute Land Use Conference, Edmonton, May 2016.
- **Zheng, Y.**, and F. Qiu. “Canadian Beef Packers: Do They Have Market Power?” Presented at the CAES Annual Meeting, Victoria, BC, June 2016.
- **Qiu, F.**, and M. Luckert. “Volatility Spillovers between Biofuel-Related Markets: Ethanol and Hardwood Pulp in Canada.” Presented at the BCN-AI Bio Conference Bioindustrial Innovations: Unlocking Value and Tackling Climate Change, Edmonton, November 2015.
- **Bentley, A.**, S. Jeffrey, and F. Qiu. “Alberta Farmland Values: The Impact of Agricultural Land Conversion/ Fragmentation.” Presented at the AAEA Annual Meeting, San Francisco, July 2015.
- **An, H.**, F. Qiu, and J. Rude. “Price Volatility and Spillovers in Food and Fuel Markets.” Presented at the CAES Annual Meeting, Rhode Island, July 2015.
- **Bentley, A.**, S. Jeffrey, and F. Qiu. “The Impact of Agricultural Land Conversion/ Fragmentation on Farmland Values Around Major Urban Centres in Alberta.” Presented at the CAES Annual Meeting, Rhode Island, July 2015.
- **Qiu, F.**, and **J. Zhao**. “Mixed-Copula Based Extreme Dependence Analysis: A Case Study of Food and Energy Price Comovements.” Presented at the AAEA Annual Meeting, Minneapolis, July 2014.
- **Qiu, F.**, L. Laliberté, B. Swallow, and S. Jeffrey. “Impacts of Fragmentation and Neighbor Influence on Farmland Conversion: A Case Study of the Edmonton-Calgary Corridor of Canada.” Presented at the AAEA Annual Meeting, Minneapolis, July 2014.
- **Qiu, F.**, M. Zhen, J. Rude, and J. Unterschultz. “Price Volatility and Market Interdependencies in Alberta Cattle, Feed barley, and U.S. Corn Markets.” Presented at the CAES Annual Meeting, Vancouver, May 2014.
- **Ruan, X.**, F. Qiu, and M. Dyck. “Effects of Changing Environmental and Socio-Economic Factors on Land-Use Changes in Alberta, Canada (2000–2012).” Presented at the CAES Annual Meeting, Vancouver, May 2014.
- **Gotz, L.**, F. Qiu, J.P. Gervais, and T. Glauben. “Export Restrictions and Multiple Spatial Price Equilibria.” Presented at the German Association of Agricultural Economists Annual Meeting, Berlin, Germany, September 2013.
- **Qiu, F.**, and J. Rude. “Dynamic Impacts of Export Controls on Price Transmission.” Presented at the AAEA Annual Meeting, Washington, DC, August 2013.
- **Qiu, F.**, and S. Anders. “Asymmetric Price Transmission and Asymmetric Stock Management.” Presented at the International Symposium on Logistic, Vienna, Austria, July 2013.
- **Qiu, F.**, and J. Rude. “Dynamic Impacts of Export Controls on Price Transmission.” Presented at the WAEA Annual Meeting, Monterey, CA, June 2013.
- **Haarsma, D.**, and F. Qiu. “State-Dependent Land-Use Responses: Application to Farmland Conversion in Alberta.” Presented at the WAEA Annual Meeting, Monterey, CA, June 2013.
- **Cai, Y.**, and F. Qiu. “Population Growth and Farm Land Conversion: A Case Study of Edmonton-Calgary Corridor.” Presented at the WAEA Annual Meeting, Monterey, CA, June 2013.

- **Qiu, F.**, L. Gotz, J.P. Gervais, and T. Glauben. “The Law of One Price under the State-Dependent Policy Intervention.” Presented at the AAEA Annual Meeting, Seattle, August 2012.
- **Qiu, F.**, and B.K. Goodwin. “Asymmetric Price Transmission: A Copula Approach.” Presented at the AAEA Annual Meeting, Seattle, August 2012.
- **Qiu, F.**, and B. K. Goodwin. “The Implications of Binding Farm Program Payment Limits Associated with Income Means Testing.” Presented at the AAEA Annual Meeting, Pittsburg, PA, July 2011.
- **Qiu, F.**, B.K. Goodwin, and J.P. Gervais. “An Empirical Investigation of the Linkages between Government Payments and Leasing Arrangements.” Presented at the AAEA Annual Meeting, Denver, CO, July 2010.
- **Qiu, F.**, B.K. Goodwin, and J.P. Gervais. “Benefit Redistribution?: An Investigation of Impacts of Farm Programs on Tenure Contract Choices.” Presented at the AAEA Annual Meeting, Milwaukee, MD, July 2009.

Poster Presentations

- Wang, X., Q. Tong, F. Qiu and J. Zhang. “The impacts of observational learning and word-of-mouth learning on farmers adoption decision: does interpersonal trust play a role?” Virtually presented at the AAEA Annual Meeting, Kansas City, Missouri, 26 July 2021.
- Xu, A., G. Hauer, M Luckert, F. Qiu. “Modeling Variability in Biomass Feedstock Supplies with Limited Data: An Application of Data Clustering.” Poster with pre-recorded video presentation, 2021 Agri-Food Policy Conference, CAES, 18 January 2021.
- Onyango, I., J. Anderson, G. Armstrong, M. Luckert, F Qiu. “Facility siting for a forest residue-based biorefinery considering annual variability in commercial timber harvests in Alberta, Canada.” FES Digital Research Showcase. Virtual poster on Twitter, 23 November 2020.
- Zhang, W., F. Qiu, M. Luckert. “Are Jet Fuel and Diesel Markets Vulnerable to Crude Oil Price Shocks? Implications for Emerging Energy Sources.” University of Alberta, Research to the Real World, organized by FES, 20 February 2020.
- Qiu, F. and M. Yang. “Are people willing to pay for improving the food environment? Evidence from a spatial hedonic analysis of residential property values.” AAEA Annual Meeting, Atlanta, July 2019.
- Tong, Q., F. Qiu, and J. Zhang. “Are China’s Agricultural Commodity Prices Affected by Global Energy Shocks? Copula-based Extreme Market Dependence Analysis.” AAEA Annual Meeting, Atlanta, July 2019.
- M.K. Luckert, F. Qiu, J. Anderson, C. Doll, G. Hauer, and S. Wilson. “Investment decisions and policy analysis.” The Future Energy Systems Open House, University of Alberta, Edmonton, October 2017.
- Zheng, Y., E. Goddard, and F. Qiu. “The Effects of Pig Diseases on Structural Change in the Canadian Pig Industry: National Level versus Individual Census District Level.” AAEA Annual Meeting, Chicago, August 2017.
- Yang, M., and F. Qiu. “A State-Specific Analysis of Environmental Kuznets Curve for the United States.” AAEA Annual Meeting, Boston, August 2016.
- Wang, H., and F. Qiu. “Status-Dependent Impacts of Multiple Drivers on Agricultural Land Conversion.” AAEA Annual Meeting, Boston, August 2016.

- Wang, H., B. Swallow, and F. Qiu. “The Mirage of Food Deserts: Disparities between Stated and Revealed Results.” AAEA Annual Meeting, San Francisco, July 2015.
- An, H., F. Qiu, and J. Rude. “Price Volatility in Food and Fuel Markets.” AAEA Annual Meeting, San Francisco, July 2015.
- Wang, H., B. Swallow, and F. Qiu. “The Mirage of Food Deserts: Disparities between Stated and Revealed Results.” Association of American Geographers Annual Meeting, Chicago, April 2015.
- Zhen, M., F. Qiu, J. Rude, and J. Unterschultz. “Market Interdependencies, Price Volatility and Volatility Spillovers in Alberta Cattle, Feed Barley and U.S. Corn Markets.” The Fifth Annual Canadian Agri-Food Policy Conference, Ottawa, January 2015.
- Qiu, F., and L. Laliberte. “State-Dependent Land-Use Responses.” AAEA Annual Meeting, Minneapolis, July 2014.
- Qiu, F., M. Zhen, J. Rude, and J. Unterschultz. “Asymmetric Price Transmission and Volatility Spillovers.” AAEA Annual Meeting, Minneapolis, July 2014.
- Ammar, M., X. Ruan, E. Davies, M. Dyck, F. Qiu, and S. Jeffrey. “Systems Modeling for Sustainable Land and Water Policy in Alberta’s Irrigation Sector.” Alberta Land Institute Land Use Conference, Edmonton, May 2014.
- Ruan, X., F. Qiu, and M. Dyck. “Effects of Changing Environmental and Socio-Economic Factors as well as Expanding Irrigation Networks on Agricultural Land Use: A Case Study of Alberta, Canada.” Alberta Land Institute Land Use Conference, Edmonton, May 2014.
- Wang, H., F. Qiu, and B. Swallow. “Do Community Gardens and Farmers Markets Relieve the Food Desert Problem in the City of Edmonton?” Alberta Land Institute Land Use Conference, Edmonton, May 2014.
- Haarsma, D., and F. Qiu. “Spatial Analysis of Agricultural Land Conversion in Alberta.” Alberta Land Institute Land Use Conference, Edmonton, May 2014.
- Qiu, F. “Subsidy Incidence in Farmland Rents: An Application of Ricardian Rent Theory with Uncertainty and Transaction Costs.” AAEA Annual Meeting, Washington, DC, August 2013.
- Qiu, F., and B. K. Goodwin. “Do Farmers Choose the Number of Landlords as A Way to Deal with Risks?: Evidence from U.S. Household Level Data.” AAEA Annual Meeting, Pittsburgh, PA, July 2011.

TEACHING AT UNIVERSITY OF ALBERTA

- AREC 513 Econometric Applications (graduate level) (Fall 2020, 2021, 2022, 2023)
- AREC 460/560/660 (offered as AREC 400 or 500 before 2017) Land Use Economics (undergraduate and graduate levels) (Winter 2013, 2014, 2016, 2018, 2019, 2021, 2022, 2023, 2024)
- AREC 433 Financial Management in Resource Industries (Fall 2014, 2015, 2017, 2018, 2020, 2021, 2022, 2023)
- AREC 502 Advanced Price Analysis (graduate level) (co-taught with An, Anders, and Adamowicz, Fall 2021)
- AREC 323 Introduction to Management for Agri-Food, Environmental, and Forestry Businesses (Fall 2012, Fall 2013)

WORKSHOPS AND SHORT COURSES

- **Introduction to R.** Workshop. Offered to ALES students, University of Alberta. September 12&19, 2022.
- **Data Manipulation using Dplyr.** Workshop. Offered to ALES students, University of Alberta. October 17, 2022.
- **Data Analysis using R for Agricultural Analysts in Public and Private Sectors.** Certificate (online) course offered by the University of Alberta. February 23 & 24, 2022.
- **Climate Change and the Economics of World Food and Agriculture.** Virtual certificate course offered by the University of Alberta., co-taught with other 10 instructors. June 2021.
- **An Introduction to Spatial Econometrics** (graduate level) (November 30 - December 1, 2019). A 2-day workshop offered to Graduate students at Huazhong Agricultural University, Wuhan, China.

HQP SUPERVISING

Undergraduate Research (Capstone Project) Advisor

- Michael Huang, Zhaochao Lin, Peilin Su, and Meng Yang. “Socioeconomic Conditions and Unhealthy Food Outlets: Identifying Food Swamps in Edmonton.” 2015.
- Hannah Cook, Yuhuan Jiang, Jin Shao Yu, Omair Afzal, and William Hadway. “Prairie Urban Farm Business Plan.” 2014.
- Diane Comeau, Rafael Alfazema, Meagan Hoyda, and Shuxin Bo. “Price Risk Analysis for Alberta Cattle and Feed Farmers.” 2013.

MSc Advisor or Co-Advisor

- Hotaka Kobori. “The Effects of the COVID-19 Pandemic on Preferences for Parks and Personal Space”. March 16, 2023.
- Wenbei Zhang. “Price Transmission in Petroleum Markets and Potential Feedstock Supply for Low-carbon Fuel Production: Implications for Emerging Energy Sources”. September 2021.
- Ziwei Hu. “Spatial analysis of stated and revealed preference values of farms and parks: a case of Edmonton, Canada”. November 2020.
- Wenhao Lu. September 2020. (M.Ag.)
- Curtis McKnight, “Feedstock Supply for Biofuels”. September 2020.
- Irene Onyango. November 2019. (M.Ag.)
- Jiaping Fan. “Two Essays on Market Integration and Profitability: Applications to the Canadian Beef/Cattle Industry.” May 2018.
- Yangzhe Cao. “Identifying the Economic Impacts of a Land-use Policy: A Case Study of Okotoks, Alberta”. May 2018.
- Muqing Yang. “Economic Analyses on Pork Production in Canada.” January 2018. (M.Ag.)
- Yanan Zheng. “The Role of Pig Diseases in Structural Change in the Canadian Pig Industry.” November 2017.
- Angela Bentley. “Estimating Farmland Valuation Models for Alberta.” June 2016.

- James Work. “Prospects for Plantations of Improved Poplars in Alberta: Price Behaviour and Competition for Land.” August 2014.
- Miao Zhen. “Two Essays on Market Interdependencies, Price Volatility and Volatility Spillovers in the Western Canadian Feed Barley, U.S. Corn and Alberta Cattle Markets.” September 2014.
- Darren Haarsma. “Spatial Analysis of Agricultural Land Conversion and Its Associated Drivers in Alberta.” June 2014.

MSc Defense Committee

- Abdul-Hamid Mohammed (External Examiner). “The Nexus of Public Perceptions of Contemporary Energy Technologies in the Face of Climate Change.” September 2023.
- Marina Giannitsos (Defense Chair). August 2023.
- Sonak Patel (Defense Chair). September 2021.
- Yunxuan Chen (Defense Chair). January 2021.
- Daniel Schiffne (Defense Chair). November 2020.
- Arenna (External Examiner). “Consumer Purchase Preferences for Carnosine Enhanced Pork in Canada—A Functional Food .” September 2017.
- Clair Doll (Supervisory Committee Member). “Potential Development of a Second-Generation Ethanol Industry in Alberta: Product Prices, Land Use Change, and Co-production Opportunities.” September 2017.
- Qi Wang (Supervisory Committee Member). “Calculating the Cost of Farmland Conservation: A Case Study of Alberta.” September 2016.
- Wei Lu (External Examiner). “The Impact of Climatic Shocks on Alberta’s Economy: A Vector Autoregression Analysis.” September 2015.
- Haoluan Wang (Supervisory Committee Member). “Analyzing the Nonmarket Values of Agricultural Land Conservation in the Alberta Capital Region, Canada.” July 2015.

PhD Supervisory and Defense Committee

- Bogdan Kapatsila (Supervisory Committee Member). School of Urban and Regional Planning, U of Alberta. In progress.
- Jun Duan (External Examiner). Department of Economics, University of Victoria, Canada. “Optimization of the Renewable Power Grid: Western Canada as an Example.” Supervisor: Kooten, G.C. Van.
- Darcy Reynard (External Examiner). Department of Earth & Atmospheric Sciences. University of Alberta. December 2020.
- Xiaofeng Ruan (External Examiner). “Developing Methods to Assess Species Extinction Risk and Ecosystem Degeneration.” Department of Renewable Resources. University of Alberta. April 2016.
- Peipei He (Visiting PhD student, joint supervision via CSC program). Huazhong Agricultural University. Feb 2023 –
- Fengyi Zhang (Visiting PhD student, joint supervision via CSC program). Huazhong Agricultural University. Feb 2023 –

Advisor or co-advisor for Research Assistant, Postdoc Fellow, and Research Associate

- Grant Hauer (research associate) Jan 2023 –
- Jay Anderson (research associate) Jan 2023 – Dec 2023
- Meghan Lim (research assistant) April 2019 – June 2021
- Amy Xu (research assistant) April 2019 – August 2020
- Irene Onyango (research assistant) September 2017 – April 2018
- Yu Feng (research assistant) September 2017 – April 2018
- Haoluan Wang (research associate) July 2015 – June 2016.
- Xiaofeng Ruan (postdoc) January 2014 – December 2014.

UNIVERSITY SERVICE

Department of Resource Economics & Environmental Sociology

- Awards Committee, Chair, July 2022 - June 2023
- PhD Preliminary Examination Committee in Microeconomics, Chair, 2022
- Teaching Policy Committee, Chair, 2021 - 2022
- PhD Preliminary Examination Committee in Agricultural Economics, Chair, 2021
- Teaching Policy Committee, 2012 - 2014, 2017 - 2019
- PhD Preliminary Examination Committee in Microeconomics, 2019
- Nomination Committee, Chair, 2014 - July 2016; July 2023 -
- Department Seminar Committee, Co-Chair, 2012 - July 2016
- PhD Preliminary Examination Committee in Marketing Economics, 2013, 2014

Faculty of Agricultural, Life & Environmental Sciences

- ALES Bentley Lecture in Sustainable Agriculture Committee, 2024
- ALES FEC Committee September 2023 –
- Ag Business Management Program Committee, 2012 – present; Chair for 2022
- ALES Awards Committee September 2021 – present
- Undergraduate Academic Advisors, 2014 – 2020

SERVICE TO THE PROFESSION

Leadership & Committee Work

- Board Member, VP Finance, Association of Chinese Canadian Professors (ACCP), 2018 –Jan 2023
- Executive Council Member (Alberta Representative), Western Agricultural Economics Association (WAEA), 2016, 2019, 2023
- Board Director, Alberta Agricultural Economics Association, May 2015 – August 2018

Review Activities

- Judge for CAES Outstanding Thesis Award Selection, 2015, 2016, 2022
- WAEA 2021 Outstanding Graduate Paper/Thesis Award committee, 2021
- Reviewer for selected papers, AAEA Annual Conference, 2012, 2013, 2014, 2015, 2016, 2017, 2021
- Referee for *Agribusiness*, *Agricultural Economics*, *American Journal of Agricultural Economics*, *Applied Economics*, *Applied Geography*, *B.E. Journal of Economic Analysis and Policy*, *Canadian Journal of Agricultural Economics*, *Canadian Journal of Forest Research*, *Empirical Economics*, *Energy Economics*, *Energy Sources*, *European Review of Agricultural Economics*, *Food Policy*, *Growth and Change: A Journal of Urban and Regional Policy*, *Journal of Agricultural Economics*, *Journal of Agricultural and Food Industrial Organization*, *Journal of Resource and Agricultural Economics*, *Land Use Policy*, *Water Resources and Economics*

PROFESSIONAL AFFILIATIONS

Canadian Agricultural Economics Society (CAES), Agricultural and Applied Economics Association (AAEA), Western Agricultural Economics Association (WAEA), Agricultural Economics Society (AES), Alberta Agricultural Economics Association (AAEA), Applied Commodity Price Analysis, Forecasting, and Market Risk Management Association (NCCC-134), Association of Chinese Canadian Professors (ACCP)

SOFTWARE AND PROGRAMMING SKILLS

- R, SAS, MATLAB, RATS (Regression Analysis of Time Series), ArcGIS