

CURRICULUM VITAE

Xiaoli Fan

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Department of Resource Economics and Environmental Sociology
University of Alberta,
Edmonton, AB Canada T6G 2H1

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[Department Profile](#)
[Google Scholar](#)

EDUCATION

| | |
|-----------|---|
| 2012-2017 | Ph.D. Applied Economics and Management, Cornell University |
| 2007-2009 | M.S. International Economics, Wuhan University, China |
| 2003-2007 | B.A. International Economics and Trade, Wuhan University, China |

RESEARCH INTERESTS

Agricultural Economics, Sustainable Agrifood Systems, Consumer and Producer Behaviour, Bioeconomic Modelling, Agent-Based Modelling.

EMPLOYMENT

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| 2017- | Assistant Professor Department of Resource Economics and Environmental Sociology (REES) Faculty of Agricultural, Life & Environmental Sciences (ALES) University of Alberta |
| 2018/6-2018/12 | Maternity and parental leave |
| 2009-2012 | Program Officer Department of International Cooperation Chinese Academy of Agricultural Sciences (CAAS) |

PROFESSIONAL ACTIVITIES

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| 2024-2027 | Associate Editor, Agribusiness: An International Journal |
| 2021-2024 | Councilor / Board of Directors, Canadian Agricultural Economics Society (CAES) |
| 2017- | Editorial Board, Canadian Journal of Agricultural Economics (CJAE) |

AWARDS

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| 2019-2020 | Teachers of the Year, ALES, University of Alberta |
| 2018 | Teaching Excellence Awards, Delta Chi Alberta |
| 2017 | Second Place, George F. Warren Award, Cornell University |

PUBLICATIONS

(* indicates HQP in research team)

A. Refereed Journal Articles

1. Wang, Huanhuan*, Xiaoli Fan, Qilan Zhao, and Pengfei Cui. 2023. "Emissions Reduction Strategy in a Three-Stage Agrifood Value Chain: A Dynamic Differential Game Approach." *PLOS ONE* 18 (11): e0294472. <https://doi.org/10.1371/journal.pone.0294472>.
2. Enesi, Rebecca Oiza*, Miles Dyck, Scott Chang, Malinda Thilakarathna, Xiaoli Fan, Stephen Strelkov, and Linda Gorim. 2023. "Liming Remediates Soil Acidity and Improves Crop Yield and Profitability - a Meta Analysis." *Frontiers in Agronomy* 5 (38). <https://doi.org/10.3389/fagro.2023.1194896>.
3. Muringai, Violet*, Xiaoli Fan, and Ellen Goddard. 2020. "Canadian Consumer Acceptance of Gene-Edited Versus Genetically Modified Potatoes: A Choice Experiment Approach." *Canadian Journal of Agricultural Economics/Revue Canadienne d'agroeconomie* 68 (1): 47–63. <https://doi.org/10.1111/cjag.12221>.
4. Fan, Xiaoli, Miguel I. Gómez, Shady S. Atallah, and Jon M. Conrad. 2020. "A Bayesian State-Space Approach for Invasive Species Management: The Case of Spotted Wing *Drosophila*." *American Journal of Agricultural Economics* 102 (4): 1227–44. <https://doi.org/10.1002/ajae.12028>.
5. Yeh, D. Adeline, Francis A. Drummond, Miguel I. Gómez, and Xiaoli Fan. 2020. "The Economic Impacts and Management of Spotted Wing *Drosophila* (*Drosophila Suzukii*): The Case of Wild Blueberries in Maine." *Journal of Economic Entomology* 113 (3): 1262–69. <https://doi.org/10.1093/jee/toz360>.
6. Fan, Xiaoli, Miguel I. Gómez, and Phillip S. Coles. 2019. "Willingness to Pay, Quality Perception, and Local Foods: The Case of Broccoli." *Agricultural and Resource Economics Review* 48 (3): 414–32. <https://doi.org/10.1017/age.2019.21>.
7. Hong, Yeon A., R. Karina Gallardo, Xiaoli Fan, Shady Atallah, and Miguel I. Gómez. 2019. "Phytosanitary Regulation of Washington Apple Producers under an Apple Maggot Quarantine Program." *Journal of Agricultural and Resource Economics* 44 (3): 646–63. <https://doi.org/10.22004/ag.econ.292336>.
8. Lee, Deishin, Erkut Sönmez, Miguel I. Gómez, and Xiaoli Fan. 2017. "Combining Two Wrongs to Make Two Rights: Mitigating Food Insecurity and Food Waste Through Gleaning Operations." *Food Policy* 68 (April): 40–52. <https://doi.org/10.1016/j.foodpol.2016.12.004>.
9. Sönmez, Erkut, Deishin Lee, Miguel I. Gómez, and Xiaoli Fan. 2016. "Improving Food Bank Gleaning Operations: An Application in New York State." *American Journal of Agricultural Economics* 98 (2): 549–63. <https://doi.org/10.1093/ajae/aav069>.

B. Other Publications

10. Rodriguez, Mauricio Soria*, Adeline D. Yeh, Xiaoli Fan, and Catharine Weber. 2023. "Mapping Potato Exports in North America." *Situation and Outlook Report*. U.S. Department

of Agriculture, Economic Research Service. <https://www.ers.usda.gov/publications/pub-details/?pubid=106432>.

11. Sönmez, E., Lee, D., Gómez, M.I., Fan, X., Caldwell, L., Thompson, N.R. and Knowles, M. 2016. "There for the Picking: Stochastic Optimization Modeling Can Help Volunteers Glean More for Food Banks." *Industrial and Systems Engineering at Work* 48 (8). <https://www.iise.org/ISEmagazine/Details.aspx?id=42080>.

WORK IN PROGRESS

(* indicates HQP in research team)

1. Wang, Huanhuan*, Xiaoli Fan, Junjie Guo, Qilan Zhao, and Zixuan Dai. "Towards Sustainable Beef: The Role of Altruistic Preferences in the Value Chain Transformation." *Under Review (Food Policy)*.
2. Cologna, Viktoria, G. Mede Niels,, Ellen Goddard, Xiaoli Fan, and many others. "Trust in Scientists and Their Role in Society: A Global Assessment." *Under Review (Nature Human Behaviour)*.
3. Niels, G. Mede, Viktoria Cologna,, Ellen Goddard, Xiaoli Fan, and many others. "Perceptions of science, science communication, and climate change attitudes in 67 countries – the TISP dataset." *Under Review (Nature Scientific Data)*.
4. Wang, Huanhuan*, Feng Qiu, Xiaoli Fan, Yanan Zheng, and Mauricio Soria Rodriguez. "Economic Viability-Driven Biorefinery Site Selection for Cellulosic Biofuel Production in Western Canada". *Under Review (Biosystems Engineering)*.
5. Chen, Yunxuan*, Xiaoli Fan, Ellen Goddard, and Shady S. Atallah. "Cost-Effectiveness of Antimicrobial Use Strategies in Beef Feedlots: Mass Medications versus Individual Animal Treatment." *In Submission*.
6. Jiansong, Xu*, Scott Jeffrey, and Xiaoli Fan. "A Systematic Review of Marginal Abatement Cost Curve of GHG Emissions Reduction in Cow-Calf Beef Production." *In Preparation*.
7. Yeh, Adeline D., Mauricio Soria Rodriguez*, Xiaoli Fan, and Catharine Weber. "North American Potato Industry Trend Report." Economic Research Report, U.S. Department of Agriculture, Economic Research Service. *In Submission*.
8. Pejman, Niloofar*, Xiaoli Fan. "Cost Benefit Analysis of Perennial Forage Mixes." *In Preparation*.
9. Fan, Xiaoli, and Sandeep Mohapatra. "Marriage Law Change and Intra-Household Time Allocation." *In Preparation*.
10. Olufemi, Michael*, Xiaoli Fan, Henry An, and Simon Otto. "Canadian Consumer Preferences for Beef Products from Animals Raised under Different Antibiotic Use Practices." *In Preparation*.
11. Fan, Xiaoli. "Impact of Social Networks on Canadian Household Energy Behavior: An Agent-Based Model." *In Preparation*.
12. Pejman, Niloofar*, Xiaoli Fan. "Impact of Discrete Choice Presentation Format on Consumer Preference for Production Claims related Food Labels." *In Preparation*.

RESEARCH GRANTS

A. Principal Investigator (OR Lead of Economics Research in Multidisciplinary Grants)

1. 2023/10-2027/09. Genome Canada, Climate-Smart Agriculture and Food Systems - Interdisciplinary Challenge Teams (CSAFS-ICT). James Cahill (Project Lead), Carolyn Fitzsimmons (Project Lead), **Xiaoli Fan (Co-I)**, Brent Swallow (Co-I), and many others. "Combining Omic Technology and Grassland Management to Enhance Soil Carbon Sequestration and Reduce Greenhouse Gas Emissions." (Project total: \$6,127,134; Portion to Fan: \$243,263)
2. 2024/03-2027/02. Alberta Land Institute (ALI). **Xiaoli Fan (PI)**, Emma Stephens (Co-I), Roland Kroebe (Co-I). "Bio-economic Modeling of the Sustainability and Profitability of Beef Production Systems for Better Informed Policy and Decision-Making" (\$146,000)
3. 2022/04-2025/12. RDAR (Results Driven Agriculture Research), Accelerating Agricultural Innovations. Akim Omokanye (PI), **Xiaoli Fan (Co-I)**, and many others. "Evaluation of the Ecosystem Services and Profitability of Perennial Grain Crops for Integrated Grain and Forage Production in Alberta." (Project total: \$834,033; Portion to Fan: \$12,258)
4. 2023/01-2024/12. Agriculture Funding Consortium, CAP Adapting Innovative Solutions in Agriculture Program. Akim Omokanye (PI), **Xiaoli Fan (Co-I)**, and many others. "The Forage Production and Quality Potential, and Ecosystem Functions of Perennial Forage Mixes." (Project total: \$65,780; Portion to Fan: \$16,410)
5. 2019/10-2024/09. Genome Canada, Large-Scale Applied Research Project (LSARP). Cheryl Waldner (Project Lead), Simon Otto (Project Lead), **Xiaoli Fan (Co-I)**, Henry An (Co-I), and many others. "Genomic ASSETS (Antimicrobial Stewardship Systems from Evidence-based Treatment Strategies) for Livestock." (Project total: \$5.6 million; Portion to Fan: \$73,667)
6. 2020/04-2023/09. Canada First Research Excellence Fund (CFREF), Future Energy Systems. **Xiaoli Fan (PI)**. "Agent-Based Modeling of Energy Transition Toward Future Energy Systems." (\$50,000)
7. 2022/01-2022/12. RDAR (Results Driven Agriculture Research), Accelerating Agricultural Innovations. Graham Plastow (PI) and **Xiaoli Fan (Co-I)**. "A New Multidisciplinary Initiative to Apply Genomics to Reduce the Incidence of BRD and Antimicrobial Use in Western Canadian Beef Production." (Project total: \$363,000; Portion to Fan: \$46,000)
8. 2019/12-2020/3. University of Alberta, SIG (SSHRC Institutional Grant). **Xiaoli Fan (PI)**. "The Economic Impact of Restrictions on Antimicrobial Use in Food Animal Production on Canadian Livestock Industry." (\$7,000)
9. 2018/05-2019/10. University of Alberta, Killam Research Fund Cornerstones Grant Program. **Xiaoli Fan (PI)**. "A Bioeconomic Model of Mountain Pine Beetle Control." (\$37,600)
10. 2018/02-2019/01. Agriculture & Agrifood Canada (AAFC). **Xiaoli Fan (PI)**. "Effect of Information on Consumer Acceptance of Genetically Modified Potatoes in Canada." (\$24,955)
11. 2018/05-2018/09. University of Alberta, Support for the Advancement of Scholarship (SAS). **Xiaoli Fan (PI)**. "Consumer Acceptance of GM Potatoes in Canada." (\$2,672)

12. 2017/08-2023/08. University of Alberta, Startup Grant. (\$50,000)

B. Co-Investigator

13. 2022/09-2027/08. Government of Saskatchewan, 2021 Strategic Research Initiative (SRI). Cameron Carlyle (Project Lead), Angela Bedard-Haughn (Project Lead), Scott Jeffrey (Co-I), **Xiaoli Fan (Co-I)**, and many others. "Carbon Sequestration Under Pasture and Forage Resources." (Project total: \$3,124,857)
14. 2023/04-2027/03. Alberta Beef Producer. Agricultural Climate Solutions – Living Labs. Scott Jeffrey (PI) and **Xiaoli Fan (Co-I)**. "Evaluation of Marginal Abatement Costs for BMPs in Beef, Forage and Cropping Systems to Sequester C or Mitigate GHG Emissions in Alberta." (Project total: \$98,000)
15. 2024/03-2027/02. Social Sciences and Humanities Research Council of Canada (SSHRC) New Frontiers in Research Fund – International (NFRF-I). Brenda Parlee (PI), **Xiaoli Fan (Co-I)**, and many others. "Confronting 'Green Colonialism' - Indigenous and Local Community led Action and Solutions for Food-Water-Land Security." (Project total: \$1.5 million)
16. 2023/04-2026/03. Natural Sciences and Engineering Research Council of Canada (NSERC) Alliance Grants, Missions – Anthropogenic greenhouse gas research. Chandra Madramootoo (PI), Brent Swallow (Co-I), **Xiaoli Fan (Co-I)**, and Viacheslav Adamchuk (Co-I). "Measuring Methane Emissions from Cattle Feedlots to Improve Policies for Achieving Net Zero Emissions by 2050." (Project total: \$867,894)
17. 2024/03-2025/02. Social Sciences and Humanities Research Council of Canada (SSHRC) Partnership Engage Grant. Minfeng Tang (PI), Guillaume Lhermie (Co-I), **Xiaoli Fan (Co-I)**, John Remnant (Co-I). "Assessing the Value of Veterinary Telemedicine Services and Albertan Cattle Producer Willingness to Pay" (Project total: \$24,900)
18. 2019/07-2024/06. Alberta Government, Major Innovation Fund. Herman Barkema (Project Lead), Ellen Goddard (Working Package PI), **Xiaoli Fan (Co-I)**, and many others. "Antimicrobial Resistance – One health Consortium." (Project total: \$6.3 million)
19. 2022/05-2024/04. RDAR (Results Driven Agriculture Research), Accelerating Agricultural Innovations. Linda Gorim (PI), **Xiaoli Fan (Co-I)**, and many others. "Exploring the Agronomic and Soil Health Benefits of Liming in the Prairies." (Project total: \$277,772).
20. 2023/06-2023/11. Natural Sciences and Engineering Research Council of Canada (NSERC) NSERC-SSHRC Sustainable Agriculture Research Initiative, Alliance Grants - Preparatory funds for sustainable agriculture. Richard Uhrig (PI), Miles Dyck (Co-I), **Xiaoli Fan (Co-I)**, and Linda Gorim (Co-I). "Toward net-zero canola production through development of molecular and agronomic technologies to improve nitrogen use efficiency and reduce greenhouse gas emissions." (Project total: \$35,000)
21. 2023/06-2023/11. Natural Sciences and Engineering Research Council of Canada (NSERC) NSERC-SSHRC Sustainable Agriculture Research Initiative, Alliance Grants - Preparatory funds for sustainable agriculture. Zhanle Wang (PI), Feng Qiu (Co-I), **Xiaoli Fan (Co-I)**, Henry An (Co-I), and many others. "Sustainable, Profitable and Net-zero Controlled Environment Agriculture (SPAN-CEA)." (Project total: \$35,000)

PRESENTATIONS

(**Bold font** indicates presenter; * indicates HQP in research team)

A. Invited Presentations

- 2024/01 Huanhuan Wang, **Xiaoli Fan**. "Towards Sustainable Beef: The Role of Altruistic Preference in the Value Chain Transformation." *The 14th Annual Canadian Agricultural Economics Society (CAES-SCAE) Canadian Agri-food Policy Conference*, Ottawa, ON, Canada.
- 2023/03 **Xiaoli Fan**. "Cost-Effectiveness of Bovine Respiratory Disease Management Strategies in Beef Feedlot: An Agent-Based Model." *Data Analytics and Community Monthly Meeting*, Virtual Seminar, Agriculture and Agri-Food Canada (AAFC), Ottawa, ON, Canada.
- 2023/01 **Xiaoli Fan**. "Cost-Effectiveness of Bovine Respiratory Disease Management Strategies in Beef Feedlot: An Agent-Based Model." *The 13th Annual Canadian Agricultural Economics Society (CAES-SCAE) Canadian Agri-food Policy Conference*, Ottawa, ON, Canada.
- 2022/01 **Xiaoli Fan**. "Bioeconomic Models Applied to Agricultural Pest and Disease Management". *Workshop on Modelling in Forestry and Agriculture*, Virtual Workshop, Career & Innovation Hub, Banff International Research Station, Calgary, AB, Canada.
- 2021/10 Yunxuan Chen*, **Xiaoli Fan**, Ellen Goddard, Shady Atallah. "Cost-Effectiveness of Mass Drug Administration and Evidence-Based Antimicrobial Use Strategies in Food Animals." *Department of Applied Economics and Statistics Seminar Series*, Virtual Seminar, University of Delaware, DE, United States.
- 2021/06 Yunxuan Chen*, **Xiaoli Fan**, Ellen Goddard, Shady Atallah. "The Economic Impact of Alternative Antimicrobial Use Strategies in Western Canadian Beef Feedlots: An Agent-based Model". *The Online Agricultural and Resource Economics Seminars (#OARES)*, Virtual Seminar.
- 2018/10 Violet Muringai*, **Xiaoli Fan**, Ellen Goddard. "Effect of Information on Consumer Acceptance of Genetically Modified Potatoes in Canada". *2018 Canadian Agricultural Policy Research Network Research Workshop*, Agriculture and Agri-Food Canada (AAFC), Ottawa, ON, Canada.
- 2018/03 **Xiaoli Fan**. "A Bayesian State-Space Approach for Invasive Species Management: The Case of Spotted Wing Drosophila". *Renewable Resources Seminar Series*, University of Alberta, Edmonton, AB, Canada.

B. Refereed Academic Conference Presentations

- 2023/07 **Huan Chen***, Xiaoli Fan, Yuehua Zhang. "Driving factors of antimicrobial use in pig farms in China", *2023 Agricultural & Applied Economics Association (AAEA) Annual Meeting (Selected Paper Presentation)*, DC, United States.
- 2023/07 **Michael Olufemi***, Xiaoli Fan, Henry An, Simon Otto. "Canadian Consumer Preference and Willingness to Pay for Beef Raised under Different Antimicrobial Use Practices", *2023 Joint Canadian Agricultural Economics Society (CAES/SCAE) and*

Western Agricultural Economics Association (WAEA) Meeting (Organized Symposium Session), Whistler, BC, Canada.

- 2022/08 **Muhammad Jawad Khan***, Xiaoli Fan, Shady S. Atallah. "A Hierarchical Approach to Integrated Pest management (IPM) in Sweet Corn Farms", *2020 Agricultural & Applied Economics Association (AAEA) Annual Meeting (SCE Track Session)*, Anaheim, CA, United States.
- 2021/07 Yunxuan Chen*, **Xiaoli Fan**, Ellen Goddard, Shady Atallah. "Optimal Antimicrobial Use Strategies in Canadian Beef Feedlots", *The XVI European Association of Agricultural Economists (EAAE) Congress*, Virtual Conference, Prague, Czech Republic.
- 2021/06 **Chenxi Liu***, Scott Jeffrey, Xiaoli Fan. "Economics of Diversified Cropping Systems in the Canadian Prairie Region", *2021 Joint Canadian Agricultural Economics Society (CAES/SCAE) and Western Agricultural Economics Association (WAEA) Meeting (Selected Paper Session)*, Virtual Meeting, Canada.
- 2020/10 **Xiaoli Fan**, Ellen Goddard. "The Effects of Considerations for Future on Consumer Preference for GM Potatoes in Canada". *The 24th International Consortium on Applied Bioeconomy Research (ICABR) Conference*, Virtual Conference.
- 2020/07 **Dennis Gray***, Xiaoli Fan. "Optimal Control of Mountain Pine Beetle Under Different Climate Scenarios: A Spatiotemporal Bioeconomic Model", *2020 Agricultural & Applied Economics Association (AAEA) Annual Meeting (Selected Paper Presentation)*, Virtual Meeting, United States.
- 2020/07 **Yunxuan Chen***, Xiaoli Fan, and Ellen Goddard. "The Economic Impacts of Reduced Antimicrobial Use in Western Canadian Beef Feedlots", *2020 Canadian Agricultural Economics Society (CAES/SCAE) Annual Meeting (Selected Paper Presentation)*, Virtual Meeting, Canada.
- 2019/06 Violet Muringai*, **Xiaoli Fan**, Ellen Goddard. "Consumer Acceptance of Genetically Engineered Potatoes in Canada: The Role of Fairness". *The 23rd International Consortium on Applied Bioeconomy Research (ICABR) Conference*, Ravello, Italy.
- 2018/08 Violet Muringai*, **Xiaoli Fan**. "Effect of Information on Consumer Acceptance of Genetically Modified Potatoes in Canada". *2018 Agricultural & Applied Economics Association (AAEA) Annual Meeting (Selected Paper Presentation)*, DC, United States.
- 2018/08 **Adeline D. Yeh**, Miguel I. Gómez, Xiaoli Fan, Francis Drummond. "Effect of Information on Consumer Acceptance of Genetically Modified Potatoes in Canada". *2018 Agricultural & Applied Economics Association (AAEA) Annual Meeting (Selected Poster Presentation)*, DC, United States.
- 2017/07 **Yeon A. Hong**, R. Karina Gallardo, Miguel I. Gómez, Shady S. Atallah. "Modeling the Economic Impact of the Trade Regulation of Invasive Species: A Study of Apple Production under the Apple Maggot Quarantine Program in the State of Washington". *2017 Agricultural & Applied Economics Association (AAEA) Annual Meeting*, Chicago, United States.

- 2016/07 **Xiaoli Fan**, Miguel I. Gómez, Shady S. Atallah. "Optimal Monitoring and Controlling of Invasive Species: The Case of Spotted Wing Drosophila in the United States". *2016 Agricultural & Applied Economics Association (AAEA) Annual Meeting (Selected Paper Presentation)*, Boston, MA, United States.
- 2016/07 **Xiaoli Fan**, Miguel I. Gómez, Thomas Björkman. "Modelling Post-Harvest Facility Location Problem Using Remote Sensing Data". *2016 Agricultural & Applied Economics Association (AAEA) Annual Meeting (Selected Poster Presentation)*, Boston, MA, United States.
- 2016/07 Erkut Sönmez, Deishin Lee, **Miguel I. Gómez**, Xiaoli Fan. "An Operational Analysis of Multi-Crop Food Bank Gleaning Programs". *2016 Agricultural & Applied Economics Association (AAEA) Annual Meeting (Selected Paper Presentation)*, Boston, MA, United States.
- 2015/07 **Xiaoli Fan**, Miguel I. Gómez, Jon M. Conrad, Shady S. Atallah. "A Spatial Bioeconomic Model of Invasive Insect Diffusion and Control: The Case of Spotted Wing Drosophila in the United States". *2015 Agricultural & Applied Economics Association (AAEA) & Western Agricultural Economics Association (WAEA) Joint Annual Meeting (Selected Poster Presentation)*, San Francisco, CA, United States.
- 2015/07 Erkut Sönmez, Deishin Lee, **Miguel I. Gómez**, Xiaoli Fan. "Improving Food Bank Gleaning Operations: An Application in New York State." *2015 Agricultural & Applied Economics Association (AAEA) & Western Agricultural Economics Association (WAEA) Joint Annual Meeting (Invited Paper Session)*, San Francisco, CA, United States.
- 2015/06 Xiaoli Fan, Miguel I. Gómez, Thomas Björkman, **Phillip S. Coles**. "Are Consumers Willing to Pay Price Premiums for Newly Developed East Coast Broccoli Varieties? An Experiment Study". *2015 Northeastern Agricultural and Resource Economics Association (NAREEA) & Canadian Agricultural Economics Society (CAES) Annual Meeting (Selected Paper Presentation)*, Newport, RI, United States.
- 2014/07 **Xiaoli Fan**, Miguel I. Gómez, Shady S. Atallah, Juan N. Hernandez-Aguilera. "Examining Seasonality of Spatial Integration in the U.S. Fresh Broccoli Market". *2014 Agricultural & Applied Economics Association (AAEA) Annual Meeting (Selected Paper Presentation)*, Minneapolis, MN, United States.
- 2014/07 Xiaoli Fan, Miguel Gómez, **Thomas Björkman**. "Are Consumers Willing to Pay Price Premiums for Newly Developed East Coast Broccoli Varieties?" *2014 American Society for Horticultural Science (ASHS) Annual Conference (Poster Presentation)*, Orlando, FL, United States.

C. Other Presentations

- 2019/04 Violet Muringai*, **Xiaoli Fan**, Ellen Goddard. "Consumer Acceptance of Gene-Edited versus Genetically Modified Food in Canada". *2019 The Association of Chinese Canadian Professors (ACCP) Research Symposia*, University of Alberta, Edmonton, AB, Canada.
- 2017/01 **Miguel I. Gómez**, Xiaoli Fan. "SWD Management and Impact on Profits". *2017 Empire State Producers Expo*, Syracuse, NY, United States.

TEACHING

- AREC 333: Economics of Production and Resource Management
(Instructor, Undergraduate level, University of Alberta, 2019-2023)
- AREC 502: Advanced Price Analysis (Graduate)
(Instructor, Graduate level, University of Alberta, 2023, 2022)
- AREC 484: Strategic Management in Food and Resource Businesses (Undergraduate)
(Instructor, Undergraduate level, University of Alberta, 2022, 2021, 2020, 2018)
- AREC 569: Advanced Topics in Natural Resource and Environmental Economics (Graduate)
(Instructor, Graduate level, University of Alberta, 2022, 2021)
- PL SC 100: Plants in our Lives
(Guest lecturer, University of Alberta, 2024, 2023)
- Certificate Course in COVID-19 and the Economics of World Food and Agriculture
(Guest lecturer, University of Alberta, 2020)
- EREC 708: Environmental Economics
(Guest lecturer, University of New Hampshire, 2022)

STUDENT/HQP SUPERVISION

A. Completed

1. 2022/11-2023/11. **Huanhuan Wang**. Visiting Ph.D. Student.
2. 2022/09-2023/09. **Mauricio Soria Rodriguez**. Research Assistant. Supervisor.
3. 2022/07-2023/07. **Huan Chen**. Visiting Ph.D. Student.
4. 2019/05-2021/01. **Yunxuan Chen**. MSc. Supervisor.
5. 2019/05-2021/08. **Dennis Gray**. MSc (Withdrawn). Supervisor.
6. 2022/05-2022/08. **Mauricio Soria Rodriguez**. MAg. Supervisor.
7. 2019/09-2021/05. **Chexi Liu**. MSc. Supervisory Committee member.
8. 2019/09-2020/08. **Yangmei Zeng**. Visiting Ph.D. Student.
9. 2018/05-2018/08. **Qi Shao**. Undergraduate Research Assistant.
10. 2018/05-2018/08. **Wenxi Sun**. Undergraduate Research Assistant.

B. In Progress

11. 2024/04-Present. **Espartaco Gonzalez Arteaga**. Research Associate. Supervisor.
12. 2023/09-Present. **Matilda Armoo**. MSc. Co-Supervisor (with Scott Jeffrey).
13. 2023/06-Present. **Joren Johnson**. MSc. Co-Supervisor (with Brent Swallow).
14. 2023/05-Present. **Jiansong Xu**, Ph.D. Co-Supervisor (with Brent Swallow).
15. 2022/05-Present. **Michael Olufemi**. MSc. Supervisor.

16. 2021/06-Present. **Jerico Fiestas Flores**. Ph.D. Supervisory Committee member.

17. 2019/10-Present. **Muhammad Jawad Khan**. Ph.D. Supervisory Committee member.

GRADUATE EXAMINATION

- 2023. Christy Marie Alsado. Ph.D. Candidacy Exam. Arm's Length Examiner.
- 2023. Manori Nimanthika Lokuge Dona. Ph.D. Candidacy Exam. Exam Committee Chair.
- 2023. Vaibhav Magawat. MSc Thesis Exam. Exam Committee Member.
- 2022. Yu Feng. MSc Thesis Exam. Exam Committee Chair.
- 2021. Jiwon Kim. MSc Thesis Exam. Exam Committee Chair.
- 2021. Wenbei Zhang. MSc Thesis Exam. Exam Committee Chair.
- 2021. Marina Malzoni. MSc Thesis Exam. Exam Committee Chair.
- 2020. David Garrett. Ph.D. Candidacy Exam. Arm's Length Examiner.
- 2020. Curtis McKnight. MSc Thesis Exam. Exam Committee Chair.
- 2020. Ziwei Hu. MSc Thesis Exam. Arm's Length Examiner.
- 2019. Yicong Luo. MSc Thesis Exam. Arm's Length Examiner.
- 2018. Stephanie Le. MSc Thesis Exam. Arm's Length Examiner.

SERVICE

A. Department of Resource Economics and Environmental Sociology (REES)

- Member, Teaching Policy Committee (2022/23)
- Member, EDI Committee (2022/23)
- Chair, Awards Committee (2021/22)
- Member, Awards Committee (2017/18-2020/21)
- Micro Theory Prelim Exam Committee (2021, 2022)
- Resource Economics Prelim Exam Committee (2020, 2023)
- Agricultural Economics Prelim Exam Committee (2022)
- Judge, 3 Minutes Thesis Competition (2019)

B. Faculty of Agriculture, Life & Environmental Sciences

- Member, Agriculture and Animal Health Program Committee (2021-2025)
- Member, Environmental and Conservation Sciences Program Review Committee (2019-2020)
- Member, Agriculture and Food Business Management Program Committee (2017-2019)

C. Canadian Agricultural Economics Society, CAES

- Chair, CAES Annual Meeting Program (2024)
- Chair, CAES Awards Committee (2022-2023)
- Member, CAES Awards Committee (2021-2022; 2023-2024)
- Organizer, Session: “Agent-Based Modelling for Agricultural Policy Decision-Making.” The 13th Annual CAES-SCAE Canadian Agrifood Policy Conference. (2023/1)
- Reviewer, CAES Outstanding Ph.D. Thesis Award (2020)
- Reviewer, CAES Outstanding Master’s Thesis Award (2021)

D. Journal Article Review

- 2024. AAEA Conference Abstracts; Canadian Journal of Agricultural Economics (CJAE).
- 2023. Canadian Journal of Agricultural Economics (CJAE); Pest Management Science; The Lancet Planetary Health; PLOS Climate; Food Policy; Agricultural Economics (AE); CAES/WAEA Conference Abstracts; AAEA Conference Abstracts.
- 2022. Food Policy; Agricultural Economics; Economic Bulletin; European Review of Agricultural Economics (ERA-E); Journal of the Agricultural and Applied Economics Association (JAAEA); Journal of Agricultural and Resource Economics (JARE).
- 2021. Agribusiness: An International Journal; British Food Journal; COM 2021 Corrosion Symposium; Journal of Agribusiness in Developing and Emerging Economies (JADEE).
- 2020. AAEA Conference Abstracts. American Journal of Agricultural Economics (AJAE); Journal of Economic Entomology; Food Policy; International Food and Agribusiness Management Review (IFAMR); Pest Management Science.
- 2019. American Journal of Agricultural Economics (AJAE).