

## CURRICULUM VITAE

### Jiansong Xu

PhD student

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Department of Resource Economics and Environmental Sociology

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### Education

PhD, 09/2022-present	Agricultural and Resource Economics University of Alberta Supervisors: Dr Xiaoli Fan and Dr Brent Swallow Thesis topic: Methane emissions from Canadian cattle feed-lots	Edmonton, Canada
MSc, 09/2020-09/2022	Agricultural Economics University of Saskatchewan Supervisor: Dr Tristan Skolrud Thesis topic: Wheat genomics	Saskatoon, Canada
BA, 09/2016-12/2019	Major Economics, Minor statistics Simon Fraser University	Burnaby, Canada
09/2014-06/2016	University transfer program (Arts and Science) Fraser International College	Burnaby, Canada

### Research Interests

Environmental policy, industrial organization, applied microeconomics.

### Research

#### *Working Papers & Work in Progress*

1. "Border Carbon Adjustment: The Welfare Effects and Policy Responses in the Canadian Meat Industry." (With Xiaoli Fan and Brent Swallow)
2. "The Role of Carbon Pricing in Food Inflation: Comparisons across Canadian Provinces and at the Country Level."
3. "A Systematic Review of Methodologies for Estimating Marginal Abatement Cost Curves (MACCs)." (with Scott Jeffery and Xiaoli Fan)
4. "The Adoption of Semidwarf Wheat and the Associated Greenhouse Gases Emission in Saskatchewan." (with Tristan Skolrud)

## Work Experience

05/2023-09/2023	University of Alberta Research Assistant	Edmonton, Canada
01/2022-05/2022	University of Saskatchewan Teaching assistant	Saskatoon, Canada
09/2021-12/2021	University of Saskatchewan Teaching assistant	Saskatoon, Canada
01/2018-12/2019	Tutor for economics and statistics	Remote
01/2018-04/2018	Simon Fraser University Student ambassador	Burnaby, Canada
05/2017-09/2017	Simon Fraser University Treasurer at the French Student Union	Burnaby, Canada

## Scholarships and Awards

1. Berg Memorial Fund 2022/23
2. Dr Janaki Alavalapati Graduate Scholarship 2022/23
3. University of Alberta Graduate Recruitment Scholarship, 2022/23
4. University of Saskatchewan Graduate Research Fellowship, 2021

## Presentations & Invited Talks

1. International Research Symposium AgriGHG, Berlin, Germany, Oct 2024.
2. "Mitigating Methane Emissions of Beef from a Policy-Design Perspective", AAFC Lethbridge Research Station, May 2024.
3. REES Brown Bag Seminar Series, University of Alberta, Edmonton, AB, May 2023.
4. Poster exhibition. 13th Annual CAES-SCAE Agrifood Policy Conference, Ottawa, ON, Jan 2023.
5. 4D Wheat Mid Project Workshop and Research Oversight Committee (ROC) Meeting, Montreal, QC, Jun 2022.
6. SCIC (Saskatchewan Crop Insurance Corporation) Spatial Data Workshop, Saskatoon, SK, Jun 2022.
7. Departmental seminar, Department of Agricultural and Resource Economics, University of Saskatchewan, Saskatoon, SK, Mar 2022.

## Sources of Funding

*I acknowledge the support from the following sources in my previous and current research (project names in quotation marks):*

1. Natural Sciences and Engineering Research Council of Canada. "Measuring methane emissions from cattle feedlots to improve policies for achieving net zero emissions by 2050."
2. Alberta Beef Producers. "Evaluation of marginal abatement costs for BMPs in beef, forage and cropping systems to sequester C or mitigate GHG emissions in Alberta."

3. Genome Canada and Genome Prairie. "4D Wheat."

**Skills**

Computer: R, Matlab, STATA, LaTeX.

Languages: English (proficient), Chinese (native)