

Meghan Lim

Department of Resource Economics and Environmental Sociology
University of Alberta
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Education

MSc Agricultural and Resource Economics, University of Alberta, Edmonton *2020 – Present*

First Class Standing (4.0 GPA)

Expected year of completion: 2022

- Thesis studies the adoption and impacts of climate-smart agriculture in developing countries, in collaboration with the Consultative Group on International Agricultural Research (CGIAR)
- Completed coursework includes advanced microeconomic theory (ECON 481), econometric applications (AREC 513), land use economics (AREC 560), economic valuation of ecosystem services (AREC 565), and the economics of agriculture in developing countries (AREC 575)
- Experience applying R, Stata, QGIS, and GeoDa software to coursework and thesis

BSc Environmental and Conservation Sciences, University of Alberta, Edmonton *2015 – 2020*

First Class Standing (4.0 GPA)

Certificate in Sustainability

- Coursework included wildlife ecology, hydrology, land reclamation, plant science, endangered species management, geographic information systems (GIS), environmental economics, environmental law and policy, business management, and business communication
- Completed an integrative project that prioritized the reclamation of orphaned oil and gas well sites based on environmental, social, and economic goals, using ArcGIS and Marxan software

Experience

Carbon Advisory Intern – Blue Source Canada ULC, Alberta *May 2021 – Present*

Supports the Advisory Team in quantifying greenhouse gas emissions and assessing offset projects.

- Supports the development and registration of carbon offset projects
- Quantifies greenhouse gas emissions through carbon footprint analysis
- Develops and runs agricultural greenhouse gas emission tools and models

Research Assistant – University of Alberta, Alberta *May 2019 – August 2020*

Conducted economic research as part of the biofuels team in the department of Resource Economics and Environmental Sociology.

- Lead author on a comprehensive literature review that explores the economic drivers and barriers for aviation biofuels; summarized information from over 200 articles
- Synthesized financial data on aviation biofuels and drafted a second literature review
- Communicated research findings in meetings with other research groups and industry representatives, including a Biomass Energy Network Symposium
- Created an informational video and worksheet targeted at sharing my research with grade-school level children

Research Assistant – University of Alberta, Alberta *November – December 2018*

Assisted research conducted in the department of Resource Economics and Environmental Sociology.

- Located, collected, and organized data with over 400,000 observations in Stata and Microsoft Excel software
- Expedited data conversion by using R software rather than manual methods, reducing conversion time by over 75%

Environmental Sciences Co-op Student – Alberta Energy Regulator, Alberta *May – August 2018*

Reviewed and analyzed reports from oil and gas operators as part of the Sciences Team.

- Conducted a review and analysis of Wetland Reclamation Trials; created a summary report and presentation that identified gaps in wetland reclamation research and provided recommendations for decision-makers
- Reviewed and synthesized runoff water quality results
- Planned, led, and facilitated annual team-building event
- Collaborated with a dynamic team of limnologists, hydrologists, wildlife biologists, and other specialists

Wildlife Rehabilitator Intern – WILDNorth, Alberta *June – August 2017*

Provided compassionate care to orphaned and injured wildlife at WILDNorth (formerly Wildlife Rehabilitation Society of Edmonton).

- Aided the growth and recovery of wild birds and mammals through intensive care
- Identified issues and provided on-the-ground information to support rehabilitation decisions

Community and Volunteer Activities

VP Sports – REES Students' Association *May 2021 – Present*

Mentor – University Athletics Board *September 2020 – Present*

Alternate Graduate Student Representative – University of Alberta *October 2020 – May 2021*

Session Administrator – Alberta Student Leadership Summit *October 2020 – January 2021*

Bike Library Volunteer – University of Alberta Sustain SU *September 2018 – April 2019*

Green Spaces Volunteer – University of Alberta Office of Sustainability *October 2016 – April 2018*

Track Meet Official – Athletics Alberta *September 2016 – Present*

Summer Camp Volunteer – The Steadward Centre for Personal & Physical Achievement *August 2016*

Selected Recognitions

Scholarships *Year Awarded*

- Canada Graduate Scholarship – Master's 2021
- James Unterschultz Memorial Graduate Scholarship 2021
- B.J. McBain Graduate Scholarship 2020
- Alberta Graduate Excellence Scholarship 2020
- Eldon Foote Excellence in Track & Field Scholarship 2020

- Award for Undergraduate Exchange 2019
- The Alberta-Pacific Forest Industries 'Make a Difference' Scholarship 2018
- The Women for Pandalas Scholarship 2017
- The Robert David Sinclair Scholarship in Agriculture 2016
- A Chancellor's Entrance Citation 2015

<i>Athletic Awards</i>	<i>Season(s)</i>
▪ U Sports national champion – women's pole vault	2018/19
▪ Nominee for University of Alberta Female Athlete of the Year	2018/19
▪ Lies Vanderstam Trophy – Pandalas Track and Field MVP	2018/19
▪ Kathlene Yetman Memorial Trophy – U of A Female Academic All-Canadian of the Year	2017/18
▪ Silver medalist – U Sports Track and Field Championships	2016/17 – 2017/18
▪ Four-time Academic All-Canadian	2015/16 – 2018/19

Academic Outputs

Paper

Economic Opportunities and Challenges in Biojet Production: A Literature Review and Analysis

Lim, M.; Luckert, M.; Qiu, F.

Submitted and under review at *Energy Conversion and Management*

Presentation

Economic Opportunities and Challenges in Biojet Production: A Literature Review and Analysis

Presented at a Biomass Energy Network Virtual Bioenergy Symposium

September 2020

Video

Getting Biojet Off the Ground

Edited by Miller, V.

Posted by University of Alberta's Future Energy Systems

URL: <https://www.youtube.com/watch?reload=9&v=8GBGWBApbX4>