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Curtis J. McKnight

MSc candidate, Agricultural and Natural Resource Economics, University of Alberta
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Research Interests

Renewable Fuels Policy, Agricultural and Energy Price Analysis, Biomass Supply and Demand Analysis, Renewable and Non-Renewable Resource Management

Education

The University of Alberta, Edmonton, Alberta, Canada
MSc Agricultural and Natural Resource Economics (Expected August 2020)
Advisors: Dr. Marty Luckert and Dr. Feng Qiu

Queen's University, Kingston, Ontario, Canada
BA Applied Economics (Minor in Political Studies)

Awards, Nominations, and Honours

Graduate Research Assistantship, 2018-Present
Graduated with honours, 2017
Nominated for the best undergraduate thesis in economics, 2017
Alexander Rutherford post-secondary scholarship, 2013

Publications and Working Papers

“A Wheat Straw Feedstock Supply Response Model for Ethanol Production in Canada,”
working with Grant Hauer.

*Accepted for presentation at the 2020 Western Economics Association
International (WEAI) Annual Conference, June 2020.*

“Future Prices for a Second-Generation Biofuel Industry in Canada: Market Linkages
Between Canadian Wheat and US Energy and Agricultural Commodities,” with Feng Qiu
and Marty Luckert.

Paper ready for submission.

“Taking Off: Factors Impacting Thunder Bay’s Air Traffic”

Policy report for the Northern Policy Institute, Thunder Bay, Ontario.

Work Experience

Research Assistant, Investment Decisions and Policy Analysis, Future Energy Systems, The University of Alberta, economic analyses of biomass energy supply chains, September 2018-present.

Financial Advisor, Scotiabank, assisting customers on day-to-day banking, investing, and major purchase planning, November 2017-September 2018.

Research Analyst, The Northern Policy Institute, research report on economic and demographic factors that may affect Thunder Bay airline traffic, September 2017-November 2017.

Skills

Applied Economics: consumer theory, dynamic optimization for renewable and non-renewable resources, non-market valuation and benefit-cost analysis, production economics.

Applied Econometrics: time series including cointegration and ARCH/GARCH, spatial econometrics and data analysis, traditional regression analysis, etc.

Programming: Proficient in STATA and RATS; Working knowledge in R, ArcGIS, and EViews