

Devin A. Serfas

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EDUCATION

- 2019-Present** **PhD. in Agricultural and Resource Economics** (*Expected 2024*)
Committee: Julian M. Alston, Richard S. Gray, Aaron D. Smith, and Pierre R. Mérel

Dissertation: Essays on Cropping Choice, Carbon Sequestration, and the Productivity of Saskatchewan Farms
- 2016-2018** **MSc. in Agricultural Economics**
Thesis: Strategic Investment and Entry Decisions for Soybean Breeding in western Canada
University of Saskatchewan
- 2012-2016** **BSc. in Agribusiness** (Honors and Great Distinction)
University of Saskatchewan

PEER-REVIEWED ARTICLES

- 2023** Alston, J. M., Pardey, P. G. Serfas, D., and S. Wang. 2023. Slow Magic: Agricultural Versus Industrial R&D Lag Models. *Annual Review of Resource Economics*, 15:1.
- 2018** Serfas, D., Gray, R., and P. Slade. 2018. Congestion and Distribution of Rents in Wheat Export Sector: A Canada–US Cross-Border Comparison. *Canadian Journal of Agricultural Economics*, 66(2): 187-207.

OTHER PUBLICATIONS

- 2019** Serfas, D. and R. Gray. 2019. An Evaluation of Value Creation Models for Pulses in western Canada. A report prepared for the Crop Development Center. Saskatoon, SK.

WORKING PAPERS

- 2023** A New Field-Level Measure of the Stock of Soil Organic Carbon and Value of Carbon Sequestration, *Working Paper*
- 2023** The Consequences of Soil Organic Carbon for Crop Yield, Farm Productivity, and Profit, *Working Paper*
- 2023** Fighting Climate Change with Soil Organic Carbon: Science and Policy, *Work in Progress*
- 2021** Serfas, D., Alston, J.M. and P.G. Pardey. 2021. The Returns to Industrial R&D: A Comprehensive Meta-Assessment and Partial Critique of the Evidence. InSTePP Working Paper. St Paul, MN: International Science and Technology Practice and Policy Center, University of Minnesota.

CONFERENCE AND PRESENTATIONS

- 2023** Western Agricultural Economics Association and Canadian Economics Association Annual Meeting and Conference, in Whistler, BC
- 2022** NatuRE Policy Lab – Lab Seminar in Davis, CA
- 2022** Workshop on Spatial Data Analysis – University of Saskatchewan
- 2018** 3rd Soyagen Annual Meeting in Quebec City, QC
- 2018** 65th Annual North American Meetings of the Regional Science Association in San Antonio, TX
- 2018** 30th International Conference of Agricultural Economists in Vancouver, BC
- 2018** 25th Annual International Moose Jaw Conference – "Farming for ... Profit?" NAFTA & Trade Expansion

GRANTS

- 2022-2024** **Saskatchewan Wheat Development Commission** – \$85,000
with Richard Gray and Julian Alston
- 2022-2023** **Giannini Foundation of Agricultural Economics** – \$30,000
with Julian Alston

AWARDS

- 2017** **Saskatchewan Pulse Crop Development Board Don Jaques Memorial Fellowship** – \$20,000
- 2016** **Undergraduate Book Prize Award**, Outstanding undergraduate student in agricultural economics or related field, Awarded by Canadian Agricultural Economics Society

WORKSHOPS

- 2023** **Speeding up computations with parallel R**
WestDRI online courses, Digital Research Alliance of Canada, Simon Fraser University, BC
- 2022** **Geo-Computation and -Statistics in R: Explicitly Accounting for Location in Agriculture**
GEMS Informatics, Minnesota Supercomputing Institute, University of Minnesota, MN

WORK EXPERIENCE

Research

- 2023** **Graduate Student Researcher**, University of California, Davis
With Julian Alston
- 2022-2023** **Research Assistant**, University of Saskatchewan
With Richard Gray and Julian Alston
- 2021-2022** **Graduate Student Researcher**, University of California, Davis
With Julian Alston and Philip Pardey
- 2018-2019** **Research Officer**, University of Saskatchewan
- 2016** **Research Assistant**, University of Saskatchewan
Grain Transportation Research commissioned by Saskatchewan Wheat Development Commission.

Teaching Assistant

- 2020** **Teaching Assistant**, University of California, Davis
ARE 100B – Intermediate Microeconomics (*Spring and Fall Quarters*)
- 2017-2018** **Teaching Assistant**, University of Saskatchewan
AREC 346 – Principles of Sales (*Fall 2017*)
AREC 343 – Grain and Livestock Marketing (*Winter 2018*)

Other Employment

- 2012-2019** **Custom Farming** – custom seeding, spraying, and combining in Eston, SK.

REFERENCES

Julian Alston

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Agricultural and Resource
Economics
University of California, Davis
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Richard Gray

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Aaron Smith

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