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Brian Krauth

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Academic Positions

Economics Department, Simon Fraser University, Burnaby, BC.
Associate Professor, 2006-present.
Assistant Professor, 1999-2006.

Education

University of Wisconsin, Madison, WI.
M.A. in Economics, 1995.
Ph.D. in Economics, 1999.
Thesis title: *Social Interactions and Aggregate Neighborhood Outcomes*.
Thesis committee: Steven N. Durlauf (chair), William A. Brock, Jonathan A. Parker.

Rice University, Houston, TX.
B.A. in Philosophy/Mathematical Economic Analysis, 1992.

Publications

- [1] COVID-19 and the Mental Health of Adolescents in British Columbia (joint with Jane Friesen and Brett Wilmer). *Canadian Public Policy*, forthcoming, 2024.
- [2] Job satisfaction and co-worker pay in Canadian firms (joint with Mohsen Javdani). *Canadian Journal of Economics*, 53(1): 212-248, 2020.
- [3] Bounding a linear causal effect using relative correlation restrictions. *Journal of Econometric Methods*, 5(1): 117-141, 2016.

- [4] English as a Second Dialect policy and achievement of Aboriginal students in British Columbia (joint with Michele Battisti and Jane Friesen). *Canadian Public Policy*, 40(2): 182-192, 2014.
- [5] *Key Policy Issues in Aboriginal Education: An Evidence-Based Approach* (joint with Jane Friesen). Toronto: Council of Ministers of Education Canada, 2012.
- [6] Ethnic enclaves in the classroom (joint with Jane Friesen). *Labour Economics*, 18 (5): 656-663, 2011.
- [7] Non-Standard English dialects and the effect of supplementary funding on educational achievement (joint with Michele Battisti, Mark Campbell, and Jane Friesen). *Canadian Journal of Speech-Language Pathology and Audiology* 35(2): 190-197, 2011
- [8] Sorting, peers and achievement of Aboriginal students in British Columbia (joint with Jane Friesen), *Canadian Journal of Economics* 43(4): 1273-1301, 2010.
- [9] Disabled peers and academic achievement (joint with Jane Friesen and Ross Hickey), *Education Finance and Policy* 5(3): 317-348, 2010.
- [10] Social isolation, in William A. Darity Jr., ed., *International Encyclopedia of the Social Sciences, Edition 2*. Detroit: Macmillan Reference USA, 2008.
- [11] Sorting and inequality in Canadian schools (joint with Jane Friesen), *Journal of Public Economics*, 91(11-12): 2185-2212, 2007.
- [12] Peer effects and selection effects on youth smoking in California, *Journal of Business and Economic Statistics*, 25(3): 288-298, 2007.
- [13] Simulation-based estimation of peer effects, *Journal of Econometrics* 133(1): 243-271, 2006.
- [14] Social interactions in small groups, *Canadian Journal of Economics* 39(2): 414-433, 2006.
- [15] Peer effects and selection effects on smoking among Canadian youth, *Canadian Journal of Economics* 38(3): 735-757, 2005.
- [16] Structural estimation of peer effects in youth smoking, in Grossman and Lindgren, eds., *Substance Use: Individual Behavior, Social Interaction, Markets and Politics*, Elsevier 2005.

- [17] A dynamic model of job networking and social influences on employment, *Journal of Economic Dynamics and Control* 28(6): 1185-1204, 2004.
- [18] A dynamic model of job networking and persistent inequality, in Cowan and Jonard, eds., *Heterogeneous Agents, Interactions, and Economic Performance*, Springer 2003.

Working Papers

- [1] Peers as treatments, available at <https://bvkrauth.github.io/publication/peertreat>.
- [2] The effect of universal full-day Kindergarten on student achievement (joint with Jane Friesen and Ricardo Meilman Cohn), available at https://bvkrauth.github.io/publication/fdk_fsa.
- [3] The effect of universal full-day Kindergarten on children's behavior (joint with Jane Friesen and Reza Sattari), available at https://bvkrauth.github.io/publication/fdk_behavior.

Research Grants

SSHRC Insight Grant: *Full Day Kindergarten and Human Capital Formation*. Principal investigator, 2012-2017. Total funding: \$233,555.

SSHRC Standard Grant: *New Methods in Measuring Social Effects*. Principal investigator, 2007-2010. Total funding: \$30,000.

Metropolis/RIIM Grant: *Mobility, Diversity, and Access for ESL Students in BC*. Co-investigator with Jane Friesen, SFU, 2005-2007. Total funding: \$20,868.

SSHRC Small Grant: *An Empirical Investigation of the Effects of Immigration on Residential Sorting and School Choice in British Columbia*. Co-investigator with Jane Friesen, SFU, 2005-2006. Total funding: \$8,805.

Discovery Parks SSHRC Grant: *Using Simulation to Estimate Peer Effects*. Principal investigator, 2002-2003. Total funding: \$9,960.

Conference and Seminar Activity

2023

Canadian Economics Association annual meetings, Winnipeg. Presented "COVID-19 and the mental health of adolescents in British Columbia"

2022

McMaster University, Hamilton. Presented “Peers as treatments.”

Wilfrid Laurier University, Waterloo. Presented “The effect of full-day Kindergarten on student achievement.”

Queen’s University, Kingston. Presented “Peers as treatments.”

University of Western Ontario, London. Presented “Peers as treatments.”

University of Toronto, Toronto (brownbag). Presented “Peers as treatments.”

2020

Association for Education Finance and Policy annual meetings, Fort Worth (online). Presented “The effect of full-day Kindergarten on student achievement.”

2016

Workshop on Social Identity and Social Interactions in Economics, Laval University. Presented “Peers as treatments.”

2015

SFU public lecture (with Krishna Pendakur, SFU) “What does inequality mean in Canada? 99% of us want to know.”

2014

European meetings of the Econometric Society, Toulouse France. Presented “Peers as treatments.”

IAWEE 5th Annual Conference on the Applied Economics of Education, Catanzaro Italy. Presented “The effect of full day Kindergarten on children’s behavior.”

Canadian Economics Association annual meetings, Vancouver BC. Presented (together with coauthor Jane Friesen) “The effect of full day Kindergarten on children’s behavior.”

2013

Association for Education Finance and Policy annual meetings, New Orleans. Presented “Full-day Kindergarten and the development of non-cognitive skills.”

2012

Canadian Economics Association annual meetings, Calgary. Presented “Peers as treatments.”

2011

Council of Ministers of Education Canada Educator’s Forum on Aboriginal Education Winnipeg. Presented “Key Policy Issues in Aboriginal Education: An Evidence-Based Approach” with Jane Friesen (SFU)

Canadian Econometrics Study Group, annual conference, Toronto ON. Poster “Peers as treatments.”

Association for Education Finance and Policy annual meetings, Seattle. Presented “Peers as treatments.”

2010

Northwestern University Conference on Econometric Analysis of Social Interactions, Evanston IL. Presented “Peers as treatments.”

2009

University of Victoria, Victoria BC. Presented “Bounding a linear causal effect using relative correlation restrictions.”

American Education Finance Association, annual meetings, Nashville TN. Presented “Non-standard English at school: Can targeted funding improve student achievement?”

Canadian Public Economics Study Group (CPEG) annual meetings, Toronto ON. Presented “Non-standard English at school: Can targeted funding improve student achievement?”.

2008

Canadian Economics Association (CEA) annual meetings, Vancouver BC. Presented “Bounding a linear causal effect using relative correlation restrictions.”

Canadian Health Economics Study Group (CHESG) annual meetings, Fredericton NB. Presented “Selection-adjusted estimates of close friend peer effects on teen smoking.”

American Education Finance Association, annual meetings, Denver CO. Presented “Disabled peers and academic achievement’.

2007

Seminar presentations at Duke, Virginia (brown bag), McMaster, Toronto, Albany, Federal Trade Commission, York, Guelph, Waterloo. Presented “Bounding a linear causal effect using relative correlation restrictions.”

Canadian Labour Market and Skills Researcher Network (CLSRN) Workshop on Education and Training, Kingston ON. Presented “An empirical exploration of Aboriginal student test scores in British Columbia,” joint with Jane Friesen.

2006

Joint Statistical Meetings, Seattle. Presented “Forming better guesses about neighborhood effects on health: Estimating community effects using conditional modeling of unobservables.” Part of invited session on *Causal inference and the Estimation of Neighborhood Health Effects*.

Canadian Employment Research Forum, 10th annual meetings, Montreal. Presented “Enclaves, peer effects and student learning outcomes in British Columbia,” joint with Jane Friesen.

Edudata Canada Research Forum, Vancouver. Presented “Enclaves, peer effects and student learning outcomes in British Columbia,” joint with Jane Friesen.

2004

24th Annual Arde Ryde Symposium on The Economics of Substance Use, Lund, Sweden. Presented “Peer effects and selection effects on youth smoking in California.”

Western Economics Association Annual Meetings, Vancouver. Presented “Selection-adjusted estimates of close friend peer effects in youth smoking,” joint with Lisa Powell.

2003

Society for Computational Economics Annual Meetings, Seattle. Presented “Peer effects and selection effects on smoking among Canadian youth.”

Econometric Society, North American Summer Meetings, Evanston. Presented “Peer effects and selection effects on smoking among Canadian youth.”

Canadian Public Economics Group Annual Meetings, Ottawa. Presented “Peer effects and selection effects on smoking among Canadian youth.”

Canadian Employment Research Foundation Annual Meetings, Ottawa. Presented “Sorting and inequality in Canadian schools,” joint with Jane Friesen.

Canadian Economics Association Annual Meetings, Ottawa. Presented “Peer effects and selection effects on smoking among Canadian youth.”

2002

Canadian Econometrics Study Group Annual Meetings, Quebec. Poster “Simulation-based estimation of peer effects.”

European Economics Association Annual Meetings, Venice. Presented “Simulation-based estimation of peer effects.”

Econometric Society, Annual European Meeting, Venice. Presented “Simulation-based estimation of peer effects.”

2001

Workshop on Economies with Heterogeneous Interacting Agents, Maastricht. Presented “A dynamic model of job networking and persistent inequality.”

Society for Computational Economics Annual Meetings, New Haven. Presented “Simulation-based estimation of peer effects.”

Canadian Economics Association Annual Meetings, Montreal. Presented “A dynamic model of job networking and social influences on employment.”

2000

Econometric Society Eighth World Congress, Seattle. Presented “Social interactions, thresholds, and unemployment in neighborhoods.”

Canadian Economics Association Annual Meetings, Vancouver. Presented “Social interactions, thresholds, and unemployment in neighborhoods.”

1998

NBER Summer Institute, Cambridge. Presented “Social interactions, thresholds, and unemployment in neighborhoods.”

Doctoral Supervision

Dian Hong, in progress. Committee member.

Shora Ebrahimi, *Essays on Delegation and Policy Evaluation*, 2022. Committee member.

Ricardo Meilman Cohn, *Three Essays on Economics of Education*, 2021. Committee member.

Natt Hongdilokkul, *Essays on Development Economics and Health Economics*, 2017. Committee member.

Mohammed Reza Sattari, *Essays in applied econometrics*, 2016. Committee member.

Roghaiyeh Dastranj Tabrizi, *Essays on social and economic networks*, 2016. Committee member.

Tenzin Yindok, *Essays on entrepreneurship in developing countries*, 2016. Committee member.

Ebrahim Azimi, *Essays on applied econometrics*, 2016. Committee member.

Michele Battisti, *Essays in labour economics*, 2012. Committee member.

Alfred Kong, *Three essays on health, education, and retirement*, 2011. Senior supervisor.

Horatio Morgan, *Three Essays in Applied Financial Econometrics*, 2009. Committee member.

Johann Scharler, *Three Essays on Macroeconomics*, 2004. Committee member.

Alvaro Pereira, *Essays on the Origins of Modern Economic Growth*, 2003. Committee member.

Service and leadership

Departmental service

Acting Department Chair, 2020-2021.

Department Chair, 2016-2019.

Undergraduate Program Chair, 2008-2011.

Service to the university

Faculty Senator, 2019-2022.

Chair of Senate Policy Committee on Scholarships, Awards and Bursaries, 2019-2022.

Service to the academic community

Economics committee member for Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Grants competition, 2013/14, 2014/15, and 2015/16.

Editorial Advisor, *Canadian Journal of Economics*, 2013-2014.

Referee for: *American Economic Review*, *Canadian Journal of Economics*, *Canadian Public Policy*, *C.D. Howe Institute*, *Economic Journal*, *Economics and Governance*, *Empirica*, *European Journal of Economic and Social Systems*, *International Tax and Public Finance*, *Journal of Applied Econometrics*, *Journal of Business and Economic Statistics*, *Journal of Economic Dynamics and Control*, *Journal of Economics Education*, *Journal of Economic Surveys*, *Journal of Environmental Economics and Management*, *Journal of Public Economics*, *Journal of Urban Affairs*, National Science Foundation (NSF), *Review of Urban and Regional Development Studies*, Social Sciences and Humanities Research Council of Canada (SSHRC), *Southern Economic Journal*.