

## Philip S.J. Leonard

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Citizenship: Canadian  
Languages: English, French, Luganda (basic)

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### Education

Ph.D., Economics, McMaster University, Hamilton, Canada 2012  
Dissertation: *Three Essays in the Economics of Education* ([link](#))  
M.A., Economics, University of Ottawa, Canada 2001  
B.Comm., Commerce, Queen's University, Kingston, Canada 2000

### Current Employment

Research Manager, Laterite April 2020-  
Kampala, Uganda  
*Main Responsibilities*  
– Lead Laterite's Kampala, Uganda office  
– Provide expertise across Laterite's portfolio of education projects

### Academic Appointments / Affiliations

Honorary Research Associate, University of New Brunswick Aug 2020-  
Department of Economics  
Research Associate, University of New Brunswick 2014-2020  
Department of Economics &  
New Brunswick Institute for Research, Data & Training  
Adjunct Faculty Member July 2018-  
Faculty of Medicine, Dalhousie University June 2022  
Post-doctoral Fellow 2012-2014  
Department of Economics, McMaster University

## Government Work Experience

Economic Specialist (2.5 month contract) Personal Tax Policy and Design Branch Ontario Ministry of Finance	2014
Evaluation Manager (ES-06) Program Evaluation Directorate, Human Resources and Skills Development Canada	2006-2007
Evaluation Officer, (ES-02 to ES-05) Program Evaluation Directorate, Human Resources and Skills Development Canada	2002-2006

## Research Interests

Education Economics; Labour Economics; Health Economics; Program Evaluation

## Awards

2018 Vanderkamp Prize - Awarded for best paper in *Canadian Public Policy* in 2017 for: “Do School Junk Food Bans Improve Student Health? Evidence from Canada”

2017-18 - Nominated for University of New Brunswick Arts Faculty Teaching Award

## Peer Reviewed Publications

### Journal Articles

Crouse DL, Leonard PSJ, Boudreau J, Pawluk K and JT McDonald. 2020. “Provider caseload-volume and short-term outcomes following colorectal surgeries in New Brunswick: results from a provincial-level cohort study,” *Canadian Journal of Surgery*, 63 (5) ([link](#))

Leonard PSJ, Crouse DL, Boudreau JG, Gupta N and JT McDonald. 2020. “Provider volume and maternal complications after Caesarean Section: Results from a population-based study” *BMC Pregnancy and Childbirth*, 20 (37) DOI 10.1186/s12884-019-2709-5 ([link](#))

Crouse DL, Leonard PSJ, Boudreau J and JT McDonald. 2018. “Associations between provider and hospital volumes and postoperative mortality following total hip arthroplasty in New Brunswick: Results from a provincial-level cohort study,” *Canadian Journal of Surgery*, 61 (2), 88-93. DOI 10.1503/cjs.006917 ([link](#))

Leonard, Philip S.J. 2017. “Do School Junk Food Bans Improve Student Health? Evidence from Canada” *Canadian Public Policy*, 43 (2), 105-119. DOI: 10.3138/cpp.2016-090 ([link](#)) [lead article and winner of Vanderkamp Prize]

Leonard, Philip, S.J. 2015. “Choice of Ontario High Schools and Student Sorting by Ability,” *Applied Economics*, 47 (49), 5282-5302. DOI:10.1080/00036846.2015.1047087 ([link](#))

Leonard, Philip, S.J. 2015. “Choice of Ontario High Schools and its Impact on University Applications” *Education Economics*, 23 (4), 433-454. DOI: 10.1080/09645292.2013.856869 ([link](#))

Leonard, Philip S.J., Arthur Sweetman and Xue (Helen) Zhang. 2014. “Optometry Services in Ontario: Supply- and Demand-side Factors from 2011 to 2036,” *Healthcare Policy*, 10 (1), 60-72. DOI:10.12927/hcpol.2014.23928. ([link](#))

[Editorial in: Bellan, L. 2015. “The geographic distribution of optometrists in Ontario,” *Canadian Journal of Ophthalmology*, 50 (2), DOI: 10.1016/j.jcjo.2015.03.002.]

### Book Chapters

Leonard, Phil, and Arthur Sweetman. 2014. “Paying the Health Workforce,” in *Bending the Cost Curve in Health Care: Canada’s Provinces in International Perspective*, Gregory P. Marchildon and Livio Di Matteo (editors). The Johnson-Shoyama Series on Public Policy. Toronto: U of Toronto Press. ([link](#))

### Published Abstracts

Yip A, J MacLeod, P Leonard, S Lutchmedial, J Légaré, A Hassan, (2018) “Increased Distance from the Tertiary Cardiac Care Centre Prolongs Wait Times but does not Affect Long-Term Outcomes in Patients Undergoing Cardiac Catheterization in New Brunswick,” *Canadian Journal of Cardiology*, Volume 34 (270). ([link](#))

### **Reports (Non Peer Reviewed)**

Boco, E, Leonard, P, and McDonald, T. (2020) A profile of employment across industries in New Brunswick 1996-2019. Fredericton, NB: New Brunswick Institute for Research, Data and Training. ([link](#))

Carter, E., Leonard, P., Nzaramba, S., and Rose, P. (2020) Effects of school closures on secondary school teachers and school leaders in Rwanda: Results from a phone survey. Leaders in Teaching Research and Policy Series, November 2020. Laterite, Rwanda and REAL Centre, University of Cambridge. ([link](#))

Gray, David and Philip Leonard (2020) Mind the Gap: Running Out of Employment Insurance Benefits. IRPP Study 81. Montreal: Institute for research on Public Policy. ([link](#))

Carter, E., Rose, P., Ani-Asamoah, B., Leonard, P., & Colenbrander, K. (2020) Video recordings of classroom observations: Using the Teach tool in Rwandan secondary schools. Research and Policy Paper No. 20/9, REAL Centre, University of Cambridge. ([link](#))

Emery, H., Tarasuk, V., Guo, X., Daigle, B., Dutton, D., Leonard, P., & McDonald, T. (2019). Tobacco Use and Food Insecurity in New Brunswick. Fredericton, NB: New Brunswick Institute for Research, Data and Training. ([link](#))

Balzer, A., Leonard, P. & McDonald, T. (2019). Comparisons of high school equivalency and high school diplomas in N.B. Fredericton, N.B: New Brunswick Institute for Research, Data and Training ([link](#))

Leonard, P. McDonald, T. and Miah, P. (2019). Immigrant Retention in New Brunswick: Results from BizNet and Citizen Database. Fredericton, NB: New Brunswick Institute for Research, Data, and Training ([link](#))

Levy A, McDonald JT, Krause J, Leonard P, Stock D for the Maritime SPOR SUPPORT Unit (2016). *Putting geographic variation in surgical procedures on the map: Geographic variation in coronary artery bypass surgery and hip and knee replacement surgeries in the Maritime Provinces*. Maritime SPOR SUPPORT Unit. Halifax, Nova Scotia. ([link](#))

## **Submitted papers**

“Do Early Conduct Problems Predict Negative Outcomes in Adolescence? A Longitudinal Analysis,” with Hepsi Swarna and Weiqiu Yu (*Revised & Resubmitted – Journal of Child and Family Studies*)

“Income level associated with time to rehospitalization for chronic ambulatory care sensitive conditions among the Canadian working age population,” with Eric Comeau and Neeru Gupta (*Under Review*)

## **Working Papers**

“Push or Pull into Self Employment? Evidence from Longitudinal Canadian Tax Data” with Ted McDonald and Herb Emery ([link](#))

“What if high school were a year longer? Evidence from Newfoundland” with Arthur Sweetman

“Full-day versus Half-day Kindergarten: Long Run Effects on Test Scores,” with Christine Neil and Jean Eid

“Running out of Benefits: Analysing Employment Insurance Benefit Extensions,” with David Gray

## **Funded Research Projects**

SSHRC Connection Grant, \$50,000, “Building Atlantic Canada Connections for Early Childhood Development,” Co-applicant with Primary Applicant Dr. Jessie-Lee McIsaac.

“Tobacco Use and Food Insecurity in New Brunswick,” \$22,761, New Brunswick Health Research Foundation Grant, Co-applicant with Primary Investigator Dr. Herb Emery, 2018

“Hours of Instruction for Kindergarten to Grade 2,” Value \$660,000, Program Evaluation Contract with N.B. Department of Education and Early Childhood Development (EECD), Co-Primary Investigator with Ted McDonald and Scientific Lead (2018/19 to 2020/21)

Contracted Research Grant with N.B. Department of Post-Secondary Education, Training and Labour (PETL), Value \$1,250,000, Co-Primary Investigator with Ted McDonald and Scientific Lead (2018/19 to 2022/23)

“Evaluation of Bee Me Kidz Children’s Programming,” Value \$25,000, Co-Primary Investigator with Ted McDonald, 2018, in progress.

“Impacts of Doctor’s Experience on Surgical Outcomes,” Value \$5,500, UNB University Research Fund (URF). 2016.

“Literature Review and Economic Simulation Study re: Powered Walking Assistive Device Keeego™”, Co-Primary Investigator with Ted McDonald; Value \$60,200, Research for private firm *B-Temia* funded through NRC-IRAP Project Number 847942, September-December 2015.

“An Examination of the Impacts of Temporary Budgetary Changes on Work-Sharing Claim Duration and Subsequent Employee Layoff: A Technical Report on the Work-Sharing Program,” March 2013, Contract Value \$20,000, Prepared under contract with Human Resources and Skills Development Canada

“Literature Review for the Evaluation of Two Temporary Measures Extending the Duration of Employment Insurance Regular Benefits,” March 2011, Contract value \$22,100, Prepared under contract with Human Resources and Skills Development Canada

## Teaching Experience

<i>Course</i>	<i>University</i>	<i>Date</i>	<i>Student Evaluation (Overall Effectiveness)</i>	<i>Responding / Class size</i>
Econ 6645 – Applied Econometrics (Graduate)	UNB	Winter 2019	Mean 5.0/5, Median 5/5	13/16
Econ 6815 – Health Economics (Graduate)	UNB	Winter 2018	Mean 4.7/5, Median 5/5	12/15
Econ 3724 - Econ. of Human Resources	UNB	Winter 2017	Mean 5.0/5, Median 5/5	7/8
Econ 1023 – Principles of Macroeconomics	UNB	Winter 2016	Mean 4.3/5, Median 5/5	24/43
Econ 3724 - Econ. of Human Resources	UNB	Winter 2016	Mean 4.9/5, Median 5/5	7/8
Econ 3724 - Econ. of Human Resources	UNB	Fall 2014	Mean 4.7/5, Median 5/5	7/8

Econ 3D03 - Labour Econ. McMaster Summer 2013 Mean 8.0/10, Median 8.5/10 20/29  
Econ 3D03 - Labour Econ. McMaster Summer 2009 Mean 8.1/10, Median 9/10 17/35

#### Graduate Supervision (Supervisor)

MBA Thesis, UNB, Ms. Eton Boco, *Should I Stay or Should I go? Employability in Educational Orientations*, March 20, 2020.

MA Applied Health Services Report, UNB, Ms. Inderpreet Kaur, *Relationships among diet, oral health and Body Mass Index values of Canadian adults*, July 9, 2019. (Co-supervisor)

DalMed Research in Medicine Project, Mr. Eric Comeau, *The Social Gradient of Potentially Avoidable Hospitalizations for Chronic Disease*, in progress

MA Economics Masters Report, UNB; Mr. Saibiao Peng, *What is the Relationship between Industry, Occupation, and Body Weight in Canada*, Completed Jan. 20, 2017. ([link](#))

MA Economics Masters Report, UNB; Mr. Wudi Yang, *The Impact of Income on the Health of Chinese Residents*, Completed Sept. 2016. ([link](#))

MA Economics Masters Report, UNB; Ms. Hongjin Liu, *The Relationship between Education and Health in Canada: Differences between Men and Women*, Completed Dec. 2015. ([link](#))

MA Economics Masters Report, UNB; Mr. Ruofeng Yi, *The Importance of Education and Language for the Income Gap of Immigrants in Canada: A Comparison of Chinese and Indian Immigrants*, Completed Jan. 2015. ([link](#))

#### PhD Committee Membership

PhD Interdisciplinary Studies, Ms. Ioanna Ratsiatou, "Austerity Measures In Greek Cities: A Phenomenology Study On Women Experiences As Services Providers And Users," in progress

#### Graduate Supervision (M.A. Internal Reader)

MA Economics Masters Report, UNB; Mr. Haoyu Wang, "A Study on the Influencing Factors of CPI Bias in Different Groups in Canada," June 21, 2019 ([link](#))

MA Economics Masters Report, UNB; Mr. Victor Anim-Opore, "Econometric Estimation of the link between Floods and Climate Change in the Province of New Brunswick," June 6, 2019 ([link](#))

MA Economics Masters Report, UNB; Mr. Erfan Bhuiyan, "Can macroeconomic variables explain long term movements of stock market sector indices? A comparison of the US and Canada," Dec. 17, 2018 ([link](#))

MA Economics Masters Report, UNB; Mr. Brent Cruikshank, *Immigrant Retention in New Brunswick: an Analysis Using Administrative Data*, May 4, 2018

MA Economics Masters Report, UNB; Mr. Stanislav Hetaló, *Econometric Evaluation of Large Weather Events due to Climate Change: Floods in Atlantic Canada*, April 27, 2018 ([link](#))

MA Applied Health Services Report, UNB; Ms. Hepsi Swarna, *Risk Factors for Conduct Disorder among Canadian Children: A Focus on Childhood-Onset Conduct Disorder*, September 6, 2017. ([link](#))

MA Economics Masters Report, UNB; Mr. Derek Mikola, *Relocation and Integration of Recent Canadian Immigrants*, August 25, 2017.

MA Economics Masters Report, UNB; Mr. Wenluo Xie, *The Probability of Households Purchasing Tobacco in Canada and the Challenges Associated with Identifying Price Effects*, August 15, 2017. ([link](#))

MA Economics Masters Report, UNB; Mr. Xiangyu (Adam) Zhao, *The Evidence and Mechanism of the Middle Income Trap*, May 18, 2017 ([link](#))

MA Economics Masters Report, UNB; Ms. Iuliia Burina, *Economic Consequences of Floods in Maritime Provinces*, May 12, 2017 ([link](#))

MA Economics Masters Report, UNB; Ms. Rachelle Pelletier, *The Impact of English-French Bilingualism of Wages in Canada*, November 7, 2016 ([link](#))

MA Economics Masters Report, UNB; Ms. Fanye Zeng, *Factors that Influence the Likelihood of Smoking Initiation in Canada*, August 10, 2016. ([link](#))

MA Economics Masters Report, UNB; Mr. Liang Ma, *The Impacts of Regional Age Structure on Entrepreneurship in Canada*, July 8, 2016. ([link](#))

MA Economics Masters Report, UNB; Mr. Yifeng Zhang, *Exploring the Relationship between Stock Prices and Exchange Rates in North America and China*, June 30, 2016. ([link](#))

MA Economics Masters Report, UNB; Ms. Anu Thomas, *Home Ownership as a Means to Retain Immigrants in Atlantic Canada*, March 24, 2016. ([link](#))

MA Economics Masters Report, UNB; Ms. Yunlu Liu, *Can Distribution Services Explain Home Bias?* September 29, 2015. ([link](#))

MA Economics Masters Report, UNB; Ms. Wenjing Bi, *Working in Self-Employment: The Case of Chinese Men in Canada*, Sept. 17, 2015. ([link](#))

MA Economics Masters Report, UNB; Ms. Xiaochen Zhou, *Economic Impact of Utilization of Liquefied Natural Gas (LNG) in the Province of New Brunswick*, July 7, 2015. ([link](#))

MA Economics Masters Report, UNB; Ms. Yachen Wang, *New Immigrants' Location Choices among Canadian Provinces: A Comparative Analysis*, April 7, 2015.

#### Graduate Supervision – Chair of Defense Committee

MA Economics Masters Report, UNB; Ms. Ayesha Noel, *The Influence of Large Shareholders on Corporate Governance Through Intervention and Exit*, May 23, 2017. ([link](#))

MA Economics Masters Report, UNB; Ms. Ran Bi, *Income and Happiness – Evidence on Urban, Rural and Rural-Urban Migrant Population in China*, March 28, 2017. ([link](#))

MA Economics Masters Report, UNB; Mr. Sergiy Kosenchuck, *Evolutionary Dynamics of Precipitation in Atlantic Canada*, Aug 13, 2015. ([link](#))

### **Journal Refereeing**

Canadian Public Policy (5), Canadian Journal of Nursing Leadership, American Journal of Public Health, Education Economics (3), Applied Economics (2), International Journal of Educational Development, International Migration Review, Canadian Journal of Development Studies, Exceptionality Education International, Canadian Medical Association Journal

### **Conference Presentations**

“Putting out the ‘gap’ fire in the Employment Insurance system in the 21st century: An analysis of the benefit period extensions”

- Canadian Economics Association Conference, May 2019 (Banff, AB)

“Explaining maternal complications after Caesarean Section: Results from a population-based study”

- Canadian Economics Association Conference, June 2018 (Montreal, QC)
- Atlantic Economics Association Conference, October 2018 (Fredericton, NB)

“Why did the “Great Recession” have no Impact on the Rate of Self Employment? Evidence from Longitudinal Canadian Tax Data”

- Canadian Economics Association Conference, June 2017 (Antigonish, NS)

“Can Public Smoking Bans Affect Smoking Behaviour? Evidence from Canadian Municipalities”

- Canadian Economics Association Conference, June 2016 (Ottawa, ON)

“Do Junk Food Bans Improve Student Health? Evidence from Canada”

- Canadian Economics Association Conference, May 2015 (Toronto, ON)

“What if High School were a Year Longer? Evidence from Newfoundland”



- Association for Education Finance and Planning Conference, March 2014 (San Antonio)

“What if High School were a Year Longer? Evidence from Newfoundland”

- Canadian Economic Association Conference, June 2013 (Montreal, QC)

“Choice of Ontario High Schools and Student Sorting by Ability”

- Canadian Economic Association Conference, June 2012 (Calgary, AB)

“Choice of Ontario High Schools and Student Sorting by Ability”

- Association for Education Finance and Planning, March 2012 (Boston, MA)

“Choice of Ontario High Schools and its Impact on University Applications”

- Statistics Canada Socio Economic Conference, September 2011 (Ottawa, ON)

“Choice of Ontario High Schools and its Impact on University Applications”

- Association for Education Finance and Planning, March 2011 (Seattle, WA)