Jean-Paul Lam

ASSOCIATE PROFESSOR · DEPARTMENT OF ECONOMICS

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Education

McMaster University	*Hamilton, Ontario*
PH.D. ECONOMICS	*2002*
McMaster University	*Hamilton, Ontario*
M.A. ECONOMICS	*1996*
University of Hull	*Hull, U.K*
B.SC. ECONOMICS (HONS), FIRST CLASS	*1994*

Employment and Research Position

2011 -	**Associate Professor**,	University of Waterloo
2020 -	**Special Advisor and Chief A.I Research**,	GoodLabs Studio
2015 -	**Member, Board of Trustees**,	Rimini Center for Economic Analysis
2009 -	**Associate Professor**,	Balsilie School of International Affairs
2006 -	**Senior Research Fellow**,	Rimini Center for Economic Analysis
2021-2022	**Co-Chair, Academic Freedom and Tenure Committee (AF&T)**,	University of Waterloo
2017-2022	**Director, Arts and Business Program**,	University of Waterloo
2004-2011	**Assistant Professor**,	University of Waterloo
2003-2004	**Assistant Chief Economist**,	Bank of Canada
2002-2003	**Principal Researcher**,	Bank of Canada
2000-2002	**Senior Economist**,	Bank of Canada
1995-2000	**Research and Teaching Assistant**,	McMaster University
1994-1995	**Trainee Chartered Accountant**,	Price Waterhouse

Research and Teaching Interests

RESEARCH:

Monetary Theory and Policy, Time-Series Econometrics, Machine Learning and Digital Assets

TEACHING:

Macroeconomics, Monetary Economics, and Time-Series Econometrics

Publications

PUBLISHED

McMahon C., McGillivray D., Desai A., Rivadeneyra, F. Lam J-P., Lo T., Marsden D., and V. Skavysh. 2024. "Improving the Efficiency of Payments Systems Using Quantum Computing." *Management Science*, 0(0), `https://doi.org/10.1287/mnsc.2023.00314`

Ayma A, Fareez F.„ Assadpour E., Babar T., Kokavec A., Wang E., Lo T., Lam J-P., and C.W Smith. 2024. "Development of a Novel Web-Based Tool to Enhance Clinical Skills in Medical Education." *JMIR Medical Education* 10 (1), e47438, `https://doi.org/10.2196/47438`

Rhouma R., McMahon C., Mcgillivray D., Massood H., Kanwal S., Khan M., Lo T., Lam J-P., and C.W. Smith. 2024. "Leveraging Mobile NER for Real-Time Capture of Symptoms, Diagnoses, and Treatments From Clinical Dialogues." *Informatics in Medicine Unlocked*, 48, `https://doi.org/10.1016/j.imu.2024.101519`.

Sen A., Baker J.D., Zhang Q., Agarwal R. R., Lam J-P. 2023 "Do More Stringent Policies Reduce Daily COVID-19 Case Counts? Evidence From Canadian Provinces." Economic Analysis and Policy, 78, 225-242, `https://doi.org/10.1016/j.eap.2023.03.006`.

Baker J.D. and J-P Lam. 2022. "Assessing the credibility of central bank signals: The case of transitory inflation." *Economic Letters,* 220, `https://doi.org/10.1016/j.econlet.2022.110875`.

Faiha F., Shahab S., Parikh T., Wavell, C., Rhouma R., McMahon C., Lam J-P., Lo T., and C.W Smith. 2022. "A Dataset of Simulated Patient-Physician Medical Interviews With A Focus On Respiratory Cases." *Scientific Data*, 9(1):313, `https://doi.org/10.1038/s41597-022-01423-1`

Mankiw, N, G., Lam, J-P and W. Scarth. 2020. "Macroeconomic: Sixth Canadian Edition" MacMillan Learning

Lam, J-P., and Piérard, E. 2017. "The Time-Varying Relationship Between Mortality and Business Cycles in the USA." *Health Economics*, 26:2, 164-183, `https://10.1002/hec.3285`

Chaussée, P., Doyle, M., and Lam, J-P. 2016. "Is the New Keynesian Explanation of the Great Disinflation Consistent with Cross Country Data?" *University of Waterloo, Department of Economics Working Paper*

Lam, J-P. 2011. "The Importance of Commitment in the New Keynesian Model." *The B.E Journal of Macroeconomics (Topics)*, 10:1, Article 34.

Côté, D., Kuszczak, J., Lam, J-P., Liu, Y., and St-Amant, P. 2006. "A Comparison of 12 Macroeconomic Models of the Canadian Economy" *Journal of Policy Modelling*, 28:5, 477-602.

Côté, D., Kuszczak, J., Lam, J-P., Liu, Y., and St-Amant, P. 2004. "The Performance and Robustness of Simple Monetary Policy Rules in Models of the Canadian Economy."*Canadian Journal of Economics*, 37:4, 978-998.

Lam, J-P., and Tkacz, G. 2004. "Estimating Policy-Neutral Interest Rates for Canada Using a DSGE Framework." *Swiss Journal of Economics and Statistics*, 140:1, 89-126.

Lam, J-P., and Pelgrin, F. 2004. "The Implications of Transmission and Information Lags for the Stabilization Bias and Optimal Delegation." *Bank of Canada Working Paper No. 37*.

Lam, J-P. 2003. "Alternative Targeting Regimes, Transmission Lags, and the Exchange Rate Channel." *Bank of Canada Working Paper No. 39.*

Lam, J-P., and Scarth, W. 2002. "Alternative Public Spending Rules and Output Volatility."*Bank of Canada Working Paper No. 37.*

Côté, D., Kuszczak, J., Lam, J-P., Liu, Y., and St-Amant, P. 2002. "A Comparison of 12 Macroeconomic Models of the Canadian Economy." *Bank of Canada Technical Report No. 94.*

Côté, D., Kuszczak, J., Lam, J-P., Liu, Y., and St-Amant, P. 2002. "The Performance and Robustness of Simple Monetary Policy Rules in Models of the Canadian Economy." *Bank of Canada Technical Report No. 92.*

Lam, J-P., and Scarth, W. 2002. "Monetary Policy and Built-in Stability." *Review of International Economics*, 10:3, 469-82

Lam, J-P., and Veall, M.R. 2002. "Bootstrap Confidence Intervals for Single Period Regression Forecasts."*International Journal of Forecasting*, 18:1, 125-130.

Côté, D., Lam, J-P., Liu, Y., and St-Amant, P. 2002. "The Role of Simple Rules in the Conduct of Canadian Monetary Policy." *Bank of Canada Review, Summer Issue.*

Côté, D., Kuszczak, J., Lam, J-P., Liu, Y., and St-Amant, P. 2001. "Taylor Rules Workshop - Conference Proceedings." *Bank of Canada.*

Work in Progress

Baker, J.D., and J-P Lam. 2023. "Bonding Curves and Pricing Token"

Baker, J.D., and J-P Lam. 2023. "Monetary Policy and Inequality in Canada: Does a Rising Tide Lift all Boats?"

Smith C.W., Rhouma R., McMahon C., Fareez F., Wavell C., Shahab S., Parikh T., Lo T., and J-P Lam. 2022. "A Deep Learning Approach for Novel Disease Outbreak Monitoring and Detection."

Baker, J, and Lam, J-P. 2021. "Proliferation of Prescription Opiates, Epidemics and Policy Effectiveness."

Teaching

GRADUATE COURSES TAUGHT

M.A. and Ph.D. Monetary Theory and Banking, M.A. and Ph.D. Macroeconometrics, M.A. and Ph.D. Macroeconometrics

UNDERGRADUATE COURSES TAUGHT

Money and Banking 2, Introduction to Macroeconomics, Monetary Policy In Canada, Monetary Theory, Macroeconomics II, Topics in Money and Finance, Intermediate Macroeconomics, International Trade

Supervision

PH.D. THESES

John Baker, "Monetary Policy Analysis and Its Contemporary Challenges", Defended, January 2024

Shernette McLeod, "The Role of Credit and Financial Institutions in the Business Cycles", Defended, May 2018.

Mykhaylo Oystrakh, "General Purpose Technology and Business Cycles", Defended April 2016

POST DOCTORALS

Christopher McMahon, "Syndrome Anomaly Alert System," July 2021 - June 2022

Rafik Rhouma, "Syndrome Anomaly Alert System," July 2021 - June 2022

M.A. THESES

Joint or individual supervision of 15 completed theses

B.A (HONS) MAJOR PAPER

Individual supervision of over 100 completed papers

Professional Activities and Service

SERVICE

2012-	**University of Waterloo Academic Freedom and Tenure Committee**, Member
2015-	**Rimini Center For Economic Analysis**, Board of Trustees
2022-	**Faculty Promotion and Tenure Committee, Faculty of Arts**, Member
2021-2022	**University of Waterloo Academic Freedom and Tenure Committee**, Co-Chair
2017-2022	**Arts and Business Program**, Director
2017-2022	**Arts Undergraduate Affairs Group, Faculty of Arts** , member
2017-2022	**Undergraduate Recruitment Committee, Faculty of Arts**, member
2017-2018	**Alumni Committee, Economics**, member
2004-2010, 2012-2014	**Graduate Studies Committee, Economics**, member
2006-2007, 2012-2014	**Recruitment Committee, Economics**, member
2005-2006, 2008-2009	**Seminar Committee, Economics**, Director
2005-2006, 2008-2009	**Graduate Admissions, Economics**, member

PROFESSIONAL MEMBERSHIPS

2002-	**Canadian Economic Association**,
2002-	**American Economic Association**,

Awards, Fellowships, & Grants

2023	**PIVOT**, Bank of Canada	$
2022	**Covid-19 Challenge, Round 2**, Department of National Defence	*$ 1,000,000*
2021	**Covid-19 Challenge, Round 1**, Department of National Defence	*$ 150,000*
2021	**Accelerate Grant**, Mitacs	*$ 120,000*
2006, 2007, 2008, 2011, 2012, 2014, 2017	**UW/SSHRC 4A Grant**, University of Waterloo	*$ 8000*
2006, 2007, 2008, 2011, 2012, 2014, 2017	**Conference Grant** , SSHRC	*$ 8000*

Presentations and Media Appearances

RECENT INVITED TALKS

"Improving the Efficiency of Payments Systems Using Quantum Computing," Bank Of Finland, 2023, Qubits conference

Assessing the credibility of central bank signals: The case of transitory inflation, Bank of Sweden, 2022

A Deep Learning Approach for Novel Disease Outbreak Monitoring and Detection, DND, 2023, Ottawa, 2022

Over 60 invited talks since 2004 to present various research papers

MEDIA APPEARANCES

Over 200 media interviews with Radio Canada, CBC, CTV News, Global TV, CHCH TV, Bloomberg, Reuters, Radio Canada Internationale, Globe and Mail, National Post, NewsWeek, 570 News, Global News, and many other national and international news organizations.