

**Henry E. Siu**

Curriculum Vitæ

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## **Personal Information**

Birth date: 3 June 1975

Citizenship: Canada and USA

## **Education**

PhD, Economics, Northwestern University, 2002

BA (Honours), with first class honours, Economics, University of British Columbia, 1996

## **Academic and Research Experience**

University of British Columbia, Vancouver School of Economics, Canada

RBC Faculty Research Professor, July 2018–present; Associate Professor, July 2009–June 2018; Assistant Professor, July 2002–June 2009

National Bureau of Economic Research, Economic Fluctuations and Growth Program, USA

Faculty Research Fellow, April 2010–present

Queen's University, Department of Economics, Weatherall Distinguished Fellow, November 2013

Federal Reserve Bank of Minneapolis, Research Department, Visiting Scholar, September 2012, September 2006–May 2007, May 2003

Federal Reserve Bank of St. Louis, Research Department, Visiting Scholar, March 2012, February 2010

Duke University, Department of Economics, ERID Visiting Professor, January 2012

Federal Reserve Bank of Chicago, Research Department, Consultant, May 2010–July 2010

Bank of Canada, Research Department, Consultant, January 2008–December 2009; Visiting Scholar, November 2007, September 2004

Reserve Bank of Australia, Economic Research Group, Visiting Scholar, September 2009

## **Awards, Fellowships, and Grants**

Social Sciences and Humanities Research Council of Canada, Insight Grants and Standard Research Grants, Principal or Co- Investigator: 2018–2023, 2012–2017, 2011–2014, 2007–2010, 2003–2006

### **Awards, Fellowships, and Grants (continued)**

Bank of Canada Governor's Award, first recipient, 2008–2009

Weinberg College of Arts and Sciences Outstanding Graduate Student Teaching Award, first recipient, Northwestern University, 2001–2002

Department of Economics Distinguished Teaching Assistant Award, Northwestern University, 1997–2000

University Scholarship/Fellowship, Northwestern University, 1996–2001

Joseph A. Crumb Prize in Economics, UBC, 1995–1996

Hector Gordon Munro Scholarship in Economics, UBC, 1995–1996

William M. Mercer Memorial Scholarship in Arts and Sciences, UBC, 1994–1995

University Scholarship, UBC, 1992–1993, 1994–1996

### **Selected Invited Conference Presentations**

Opening speaker, Automation and the Middle-Class Inaugural Conference, Brookings Institution, Washington DC, 2019

Invited speaker, Technology-Enabled Disruption: Implications for Business, Labor Markets and Policy Conference, Federal Reserve Banks of Atlanta, Dallas and Richmond, Dallas, 2019

Invited speaker and panelist, G7 Symposium on Innovation and Inclusive Growth, Bank of Canada and Department of Finance, Montebello, 2018

Invited speaker and panelist, Conference de Montréal, session on Digitization and the Future of Work, International Economic Forum of the Americas, 2017

Plenary speaker and panelist, AI Now: White House Symposium on Near-Term Social Implications of Artificial Intelligence, New York, 2016

Keynote speaker, 2<sup>nd</sup> Macro Marrakech Workshop, 2015

Keynote speaker, Labour Market Workshop, Universidad Carlos III de Madrid, 2015

Organizer and presenter, session on The Great Recession and its Recovery, AEA/ASSA Annual Meeting, San Diego, 2013

Invited presenter, Conference on Labor Markets in the Aftermath of the Great Recession, Federal Reserve Bank of Minneapolis, 2012

Invited presenter, Becker Friedman Institute Household Production Conference, University of Chicago, 2012

Invited presenter, Banco de Portugal Monetary Economics Conference, Porto, 2012

Invited speaker, Bank of Canada Governor's Award Lecture, Canadian Economics Association Annual Meeting, Vancouver, 2008

## Peer Reviewed Publications

The Dynamics of Disappearing Routine Jobs: A Flows Approach, with Guido Matias Cortes, Nir Jaimovich, and Christopher Nekarda, *Labour Economics* 65, August 2020, 101823

Job Polarization and Jobless Recoveries, with Nir Jaimovich, *Review of Economics and Statistics* 102(1), March 2020, pp. 129–147

Refugees from Dust and Shrinking Land: Tracking the Dust Bowl Migrants, with Jason Long, *Journal of Economic History* 78(4), December 2018, pp. 1001–1033

High-Skilled Immigration, STEM Employment, and Non-Routine-Biased Technical Change, with Nir Jaimovich, in *High-Skilled Migration to the United States and its Economic Consequences*, G. Hanson, W. Kerr, and S. Turner (eds.), NBER Volume, University of Chicago Press, May 2018, pp. 177–204

Disappearing Routine Jobs: Who, How, and Why? with Guido Matias Cortes and Nir Jaimovich, *Journal of Monetary Economics* 91, November 2017, pp. 69–87

What Should I Be When I Grow Up? Occupations and Unemployment over the Life-Cycle, with Martin Gervais, Nir Jaimovich, and Yaniv Yedid-Levi, *Journal of Monetary Economics* 83, October 2016, pp. 54–70

Technological Learning and Labor Market Dynamics, with Martin Gervais, Nir Jaimovich, and Yaniv Yedid-Levi, *International Economic Review* 56(1), February 2015, pp. 27–53

The Demand for Youth: Explaining Age Differences in Hours Volatility, with Nir Jaimovich and Seth Pruitt, *American Economic Review* 103(7), December 2013, pp. 3022–3044

The Young, the Old, and the Restless: Demographics and Business Cycle Volatility, with Nir Jaimovich, *American Economic Review* 99(3), June 2009, pp. 804–826

The Fiscal Role of Conscription in the U.S. World War II Effort, *Journal of Monetary Economics* 55(6), September 2008, pp. 1094–1112

Time Consistent Monetary Policy with Endogenous Price Rigidity, *Journal of Economic Theory* 138(1), January 2008, pp. 184–210

State Dependent Pricing and Business Cycle Asymmetries, with Michael B. Devereux, *International Economic Review* 48(1), February 2007, pp. 281–310

Fluctuations in Convex Models of Endogenous Growth, I: Growth Effects, with Larry Jones, Rodolfo Manuelli, and Ennio Stacchetti, *Review of Economic Dynamics* 8(4), October 2005, pp. 780–804

Fluctuations in Convex Models of Endogenous Growth, II: Business Cycle Properties, with Larry Jones and Rodolfo Manuelli, *Review of Economic Dynamics* 8(4), October 2005, pp. 805–828 (originally circulated as Growth and Business Cycles, *NBER Working Paper W7633*)

Optimal Fiscal and Monetary Policy with Sticky Prices, *Journal of Monetary Economics* 51(3), April 2004, pp. 575–607

## Other Publications

In-Person K-12 Schooling is Essential to the Functioning of the Canadian Economy, with David Green and Gaëlle Simard-Duplain, *CD Howe Institute Intelligence Memo*, November 2020

A COVID Assessment Tool for the Re-Opening of Economic Activity, with David Green and Gaëlle Simard-Duplain, *CD Howe Institute Intelligence Memo*, June 2020

How Automation and Other Forms of IT Affect the Middle Class: Assessing the Estimates, with Nir Jaimovich, *Brookings Economic Studies Report*, November 2019

Comment on: Short-Run Pain, Long-Run Gain? Recessions and Technological Transformation, *Journal of Monetary Economics* 97, August 2018, 45–47

Jobless Recoveries, with Nir Jaimovich, *Third Way NEXT*, Washington, DC, April 2015

Demographics, Job Polarization, and Macroeconomic Analysis of Labor Markets, with Nir Jaimovich, *NBER Reporter*, 2014(4)

## Other Research Products

VSE COVID Risk/Reward Assessment Tool (as project team co-leader with David Green), <https://covid19.economics.ubc.ca/projects/project-1/>

## Working Papers

COVID and the Economic Importance of In-Person K-12 Schooling, with David Green, Ali Karimirad and Gaëlle Simard-Duplain, December 2020

The Distribution of COVID-19 Related Risks, with Patrick Baylis, Pierre-Loup Beauregard, Marie Connolly, Nicole Fortin, David Green, Pablo Gutiérrez, Samuel Gyetvay, Catherine Haeck, Tímea Molnár, Gaëlle Simard-Duplain, Maria teNyenhuus and Casey Warman, September 2020

The Growing Importance of Social Tasks in High-Paying Occupations: Implications for Sorting, with Guido Matias Cortes and Nir Jaimovich, August 2020

The Macroeconomics of Automation: Data, Theory, and Policy Analysis, with Nir Jaimovich, Itay Saporta-Eksten and Yaniv Yedid-Levi, June 2020

## PhD Thesis Committees

\* denotes supervisor or co-supervisor; placement in parentheses

Brant Abbott (Yale University, post-doc; Queen's University), Davide Alonzo (on-going), João Galindo da Fonseca\* (Université de Montréal), Dana Galizia (Carleton University), Xiaodan Gao\* (National University of Singapore – Business School), Serdar Kabaca\* (Bank of Canada), Lilia Karnizova (University of Ottawa),

### **PhD Thesis Committees (continued)**

Lars-Alexander Kuehn (Carnegie Mellon – Tepper Business School), Ke Pang (Wilfrid Laurier University), Nicolas Franz Pattilo (on-going), Doris Poon (Hong Kong Monetary Authority), Laura Turner (University of Toronto), Mengying Wei\* (University of International Business and Economics), Jacob Wong (University of Adelaide), Changhua Yu (University of International Business and Economics)

### **Teaching Experience**

Undergraduate: Introductory Macroeconomics, Intermediate Macroeconomics, Honours Intermediate Microeconomics, Honours Intermediate Macroeconomics

Graduate: PhD Macroeconomics I, PhD Macroeconomics II, Topics in Monetary Theory and Policy, PhD Research Seminar

### **Professional Service**

Co-organizer, CMSG Virtual Macro Seminar Series, 2020 – present

Interim Director, Centre for Innovative Data in Economics Research, UBC, 2020 – present

Director of Graduate Admissions, Vancouver School of Economics, UBC, 2017 – present

Advisory Board Member, Centre for Innovative Data in Economics Research, UBC, 2017 – 2019

Committee Member, Bank of Canada Graduate Student Paper Award, 2014

Director of Graduate Studies and Admissions, Vancouver School of Economics, UBC, 2011 – 2013

Co-organizer, CMSG Annual Meeting (Vancouver, 2011), Bank of Canada/UBC Workshop on Macroeconomics and Monetary Policy (Vancouver, 2009), Bank of Canada/UBC Workshop on Macroeconomics and Policy Analysis (Ottawa, 2007)

Program Co-organizer, CMSG sessions, CEA Annual Meetings, 2008 – 2011

Editorial Advisory Board Member, *Canadian Journal of Economics*, 2007 – 2010

Program Committee Member, SED Annual Meeting (Cambridge, 2008), CEA Annual Meeting (Québec, 2010; Vancouver, 2008; Toronto, 2004)

Local Co-organizer, SED Annual Meeting (Vancouver, 2006)

Research Grant Assessor, Social Sciences and Humanities Research Council of Canada, National Science Foundation (US), Hong Kong Research Grants Council, National Fund for Scientific and Technological Research (Chile), Swiss National Science Foundation

## **Community and Public Service**

Volunteer Coach and Board Member, Vancouver Trojans Community Football Club, 2019–present

Dog Care Volunteer, Vancouver SPCA, 2006–2008; CARE Evanston Animal Shelter, 2000–2002

Broadcast interviews on *CBC Radio One* (local, regional, and national programs; Canada), *BBC World Service* (UK), *NPR* (US), *ABC Radio National* (Australia), *CBC News*, *Global News BC*, *CityTV Vancouver*, and others

Print interviews for *The Globe and Mail*, *CBC News*, *The New York Times*, *The Wall Street Journal*, *The Washington Post*, *USA Today*, *Associated Press*, *Reuters*, *Maclean's*, *The Walrus*, *The Atlantic*, *Bloomberg BusinessWeek*, *US News and World Report*, *MIT Technology Review*, *Yahoo! Finance*, *Condé Nast*, and others