

# Chi Man Yip

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Citizenships: Canada (Permanent Resident) & Hong Kong (Citizen)

## Educations

2015 – Present

**Doctor of Philosophy (Economics), University of Calgary**

- **Supervisors:** Trevor Tombe (Main), Lucija Muehlenbachs, Stefan Staubli, & Atsuko Tanaka

2015

**Master of Arts (Economics), McGill University**

2007

**Bachelor of Arts (Honors in Economics), McGill University**

- First Class Honors (Dean's Honor List)

## Research Interests

**Environmental Economics, Labor Economics, & Macroeconomics**

## Publications

[On the Labor Market Consequences of Environmental Taxes](#), *Journal of Environmental Economics and Management* 89, 136-152, 2018

[Gender-Oriented Statistical Discrimination Theory: Empirical Evidence from the Hong Kong Labor Market](#) (with Raymond Sin-Kwok Wong), *Research in Social Stratification and Mobility* 37, 43-59, 2014

## Research Projects

**“The Ins and Outs of Employment: Labor Market Adjustments to Carbon Taxes” (Job Market Paper)**

**Abstract:** Job cuts are tough; wage cuts aren't easy, either. I exploit British Columbia's carbon tax to study the process through which jobs and wages are cut. Combining matching with a difference-in-differences approach, I find that the tax increases the unemployment rate by 1.4 percentage points and decreases wages by 2.7 percent. This paper reveals that employment flows—the flow into and out of employment—are keys to understanding how the unemployment and wage effects operate. Unemployment increases because job loss becomes increasingly common and finding a job becomes harder. Since the former effect is short-lived, the unemployment effect decays. A small unemployment effect persists because the latter effect stays long. Wages are cut through labor turnover: while incumbent wages are completely rigid, hiring wages plunge. Average wages continue to decrease with the gradual increase in the proportion of new hires in employment. Both unemployment and wage adjustments last at least seven years, longer than many expect. This paper provides new micro-evidence on labor market adjustments and calls for attention to the transitional labor market adjustments to environmental policies.

**“Search Relativity”** (with Ying Tung Chan)

**Abstract:** This paper presents microfoundations unmasking the black box of a matching function. It explores the implications of three central assumptions: (i) vacancies have incomplete information about applicants' productivities, (ii) applicants polish their job applications to signal their productivities with their search qualities, and (iii) vacancies decide a hiring rule. By embodying these assumptions, two interesting equilibria emerge, one of which yields a canonical search and matching model with a homogenous job-finding rate. The other one yields a new class of search and matching model, in which a job-finding rate increases with the rank in a search quality distribution (i.e., search relativity). This search relativity has several important implications relating each individual unemployment incidence to the aggregate unemployment rate, explaining almost entirely the heterogeneity in the unemployment incidence.

## **“Environmental Concerns and Business Cycles”** (with Ying Tung Chan)

**Abstract:** A growing body of literature documents the procyclicality of public environmental concerns—the public becomes more concerned with environmental issues in booms than in slumps. We construct a New Keynesian-DSGE model to investigate the role public environmental concerns play over business cycles. Although public environmental concerns are often neglected in the literature, our numerical exercise reveals that the procyclicality of the concerns can explain business cycles as much as monetary shocks. Meanwhile, we find the asymmetrical effects of the procyclicality of the concerns: it dampens business cycles in booms and amplifies business cycles in slumps. This paper calls for a careful examination of the economic consequences and welfare implications of the procyclicality of public environmental concerns.

### **Presentations** (\* Scheduled)

- 2020** AERE@WEAI Conference\*
- 2019** AERE@SEA Conference; EAERE Conference; EALE Conference; EEA Conference; LEEPIn2019 at the University of Exeter; NAREA Conference; the 5th Canadian PhD & Early Career Workshop in Environmental & Resource Economics; CEA Annual Conference; SaM Conference; Chinese Economists Society; AMSE Summer School; University of Calgary.
- 2018** SOLE@MEA Conference; Environmental Tax Workshop at the University of Maryland; AERE@SEA Conference; AERE@WEAI Conference; CREE Annual Conference; SEA Conference; WEAI Conference; CIREQ Ph.D. Students' Conference; Sun Yat-sen University; University of Calgary.
- 2017** SOLE Conference; ASSA Conference; Econometric Society (China Meeting); CREE Annual Conference; CEA Annual Conference; City University of Hong Kong; University of Calgary.
- 2016** The Canadian PhD & Early Career Workshop in Environmental Economics; CEA Annual Conference; Empirical Microeconomics Workshop.
- 2012** CEA Annual Conference.

### **Teaching Experience** (Hyperlinks jump to course evaluations)

#### **Principles of Macroeconomics, University of Calgary**

- 2020 Spring** ECON 203
- 2019 Summer** ECON 203 (*Evaluation: [6.76/7](#)*)

#### **Principles of Macroeconomics, Mount Royal University**

- 2020 Winter** ECON 1103-4 & ECON1103-12
- 2019 Fall** ECON 1103-7 (*Evaluation: [5.8/6](#)*)
- 2019 Winter** ECON 1103-6 (*Evaluation: [5.7/6](#)*) & ECON 1103-12 (*Evaluation: [5.8/6](#)*)
- 2018 Fall** ECON 1103-7 (*Evaluation: [5.6/6](#)*) & ECON 1103-3 (*Evaluation: [5.4/6](#)*)
- 2018 Winter** ECON 1103-8 (*Evaluation: [5.5/6](#)*)
- 2017 Fall** ECON 1103-7 (*Evaluation: [5.1/6](#)*)

#### **Principles of Microeconomics, Mount Royal University**

- 2019 Fall** ECON 1101-13 (*Evaluation: [5.7/6](#)*) & ECON 1101-14 (*Evaluation: [5.5/6](#)*)
- 2017 Fall** ECON 1101-15 (*Evaluation: [5.6/6](#)*)

#### **Methodology & Statistics, Mount Royal University**

- 2018 Winter** POST 2209-1 (*Evaluation: [5.1/6](#)*)

## **Professional Services**

2019 Chair Selection Committee, Mount Royal University

## **Referee Services** (# Number of Times)

Journal of Environmental Economics and Management<sup>3</sup>, Energy Economics, Journal of Environmental Management, Journal of Labor Research, & The B.E. Journal of Economic Analysis and Policy

## **Awards**

2020 Canadian Natural Resources Ltd Graduate Scholarship, U of Calgary (CAD \$9,000)  
2019 Victor Yang Song Graduate Student Teaching Award, U of Calgary (CAD \$1,000)  
2019 NAREA Conference Scholar Award, NAREA  
2018 Eyes High International Doctoral Scholarship, U of Calgary (CAD \$12,000)  
2016 Eyes High International Doctoral Scholarship, U of Calgary (CAD \$12,000)  
2016 Prize for the Top Student in Microeconomics, U of Calgary (CAD \$100)

## **Languages**

Chinese (Cantonese, Hakka, & Mandarin) & English

## **References**

**Trevor Tombe** (Main Supervisor)

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**Stefan Staubli**

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**Lucija Muehlenbachs**

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**Ambrose Leung** (Teaching Reference)

Department of Economics, Justice, & Policy Studies,  
Mount Royal University

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