

# Carolyn Tsao

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## EDUCATION

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2018 – present Ph.D., Economics, Princeton University  
2015 – 2016 M.A., Economics (Doctoral Stream: PhD Econometrics), University of Toronto  
2011 – 2015 B.Sc. Honours, Economics, with Distinction, University of Victoria  
Combined Major, Mathematics and Statistics, University of Victoria

## PUBLICATIONS

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Walther, A., C. Tsao, R. Pande, C. Kirschbaum, E. Field, and L. Berkman, “Do dehydroepiandrosterone, progesterone, and testosterone influence women’s depression and anxiety levels? Evidence from hair-based hormonal measures of 2,105 rural Indian women,” *Psychoneuroendocrinology*, *forthcoming*.

M.L. Lesperance, W.J. Reed, M.A. Stephens, C. Tsao, and B. Wilson (2016) “Assessing conformance with Benford’s law: Goodness-of-fit tests and simultaneous confidence intervals,” *PLoS ONE* 11(3): e0151235.  
<https://doi.org/10.1371/journal.pone.0151235>

## MANUSCRIPTS

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M. Frenette, C. Michaud-Leclerc, V. Minaya, P. Oreopoulos, J. Scott-Clayton, and C. Tsao, “Community college differences that matter: A Canada-U.S. comparison,” *working paper*.

## RESEARCH EXPERIENCE

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**Research Assistant**, Economics, Princeton University June 2019 – Aug 2019  
*Supervisor*: Adam Kapor (Princeton)

**Research Fellow**, Evidence for Policy Design, Harvard Kennedy School Sept 2016 – June 2018  
*Supervisors*: Rohini Pande (Harvard), Erica Field (Duke), Lisa Berkman (Harvard)  
*Project*: Evaluating the impacts of access to formal microfinance institutions in rural India.

**Research Assistant**, Economics, University of Toronto May 2016 – Dec 2017  
*Supervisor*: Philip Oreopoulos (University of Toronto)  
*Project*: Investigating Canada-U.S. differences in dropout rates and returns to community college.

**Research Assistant**, Economics, University of Toronto May 2016 – Aug 2016  
*Supervisors*: Janet Currie (Princeton), Michael Baker (University of Toronto)  
*Project*: Investigating trends in mortality rates over time in Canada and the US (NBER Working Paper No. 23514)

**Research Assistant**, Applied Statistics, University of Victoria May 2013 – Aug 2015  
*Supervisor*: Mary Lesperance (University of Victoria)

**B.Sc. Honours Thesis**, Economics, University of Victoria Sept 2014 – Apr 2015  
*Topic*: Patent-Complement Feasibility: Incentives for Developing Neglected Disease Treatments

**Research Assistant**, Applied Mathematics, University of Victoria May 2014 – Aug 2014  
*Supervisor*: Jane Ye (University of Victoria)

## PRESENTATIONS

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May 2018                      Canadian Economics Association Conference, Montreal, QC, Canada

## NOTABLE HONOURS AND AWARDS

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### University of Toronto

2015                      SSHRC Canada Graduate Scholarship – Master’s  
2015                      University of Toronto Fellowship

### University of Victoria

2015                      Jubilee Medal in Social Sciences  
2011 – 2014              University of Victoria Excellence Scholarship  
2014                      NSERC Undergraduate Student Research Award, Applied Math  
2014                      Stephen A. Jennings Memorial Scholarship, Math and Statistics  
2014                      Jamie Cassels Undergraduate Research Award, Economics  
2013                      NSERC Undergraduate Student Research Award, Statistics  
2013                      Jamie Cassels Undergraduate Research Award, Math and Statistics  
2013                      Excellence in Math Scholarship

## TEACHING EXPERIENCE

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2021                      ECO100 Introduction to Microeconomics (Preceptor), Princeton  
2015 – 2016              ECO220 Quantitative Economics (Teaching Assistant – Instructor), University of Toronto  
2014                      MATH447 Mathematical Modelling (Teaching Assistant – Grader), University of Victoria

## SKILLS

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- **Software & Programming:** Stata, R, Julia, MATLAB, Python, ArcGIS, LaTeX, Java
- **Languages:** English (native), Mandarin Chinese (intermediate: speaking, reading; basic: writing)