

# TED HSUAN YUN CHEN

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## CONTACT

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## ACADEMIC POSITIONS

Postdoctoral Researcher, Faculty of Social Sciences, University of Helsinki, August 2019–  
Postdoctoral Researcher, Department of Computer Science, Aalto University, August 2019–

## EDUCATION

Ph.D., Political Science, Pennsylvania State University, 2019  
*Dissertation*: “Multilayer Networks in Political Science: Development and Applications of Novel Methods for International Cooperation and Conflict.”  
*Committee*: Bruce Desmarais (chair), Xun Cao, Diane Felmlee, and Douglas Lemke  
M.A., Asia Pacific Policy Studies, University of British Columbia, 2012  
B.A., Sociology, McGill University, 2009

## PUBLICATIONS

### PEER-REVIEWED JOURNAL ARTICLES

**Ted Hsuan Yun Chen**. “Statistical Inference for Multilayer Networks in Political Science.” Accepted at *Political Science Research and Methods*.

**Ted Hsuan Yun Chen**, Tzu-Ping Liu, and Chung-li Wu. 2014. “Policy-Balancing and Ticket-Splitting: Problems with “Preference for Checks and Balances” in Taiwanese Electoral Studies.” *Japanese Journal of Political Science* 15(2): 317-337.

Justine Chen, **Ted Hsuan Yun Chen**, Ilan Vertinsky, Lilia Yumagulova, and Chansoo Park. 2013. “Public-Private Partnerships for the Development of Disaster Resilient Communities.” *Journal of Contingencies and Crisis Management* 21(3): 130-143.

### PEER-REVIEWED PROCEEDINGS

Mitchell Goist, **Ted Hsuan Yun Chen**, and Christopher Boylan. 2019. “Reconstructing and Analyzing the Transnational Human Trafficking Network.” In *Proceedings of the 2019 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining*.

**Ted Hsuan Yun Chen**, Paul Zachary, and Christopher J. Fariss. 2017. “Social Activity Hubs: Estimating User Specific Contextual Factors From Social Media Data.” In *Proceedings of the 2017 International Conference of The Computational Social Science Society of the Americas*.

### OTHER PUBLICATIONS (EDITOR-REVIEWED)

**Ted Hsuan Yun Chen** and Chung-li Wu. 2016. “Cross-Strait Relations as an ‘Easy Issue’: China’s Impact on Evidence Provision in Negative Political Campaigning in Taiwan.” In *Taiwan and the ‘China Impact’: Challenges and Opportunities*, ed. Gunter Schubert, Oxon, UK: Routledge.

**Ted Hsuan Yun Chen**. Sept. 9 2010. “Analysis of the Cross-Strait Economic Cooperation Framework Agreement between Taiwan and China.” *Asia Pacific Memo* #19.

## IN PROGRESS

### WORKING PAPERS

“Transnational Scientific Communities Facilitate Cooperation in the International Nuclear Regime: Evidence from the Pugwash Movement.” (Dissertation chapter)

“Informal Diplomacy Reinforces Formal International Cooperation: Evidence from Track Two Diplomacy in the Asia Pacific.” (Dissertation chapter)

“The Effect of Disaster-induced Displacement on Social Behaviour: The Case of Hurricane Harvey” (With Christopher Fariss and Xu Xu)

“Who Protests? Arbitrary Arrests Increase Participation in Protests.” (With Christopher Fariss and Paul Zachary)

“Inferential Analysis of the Supreme Court Citation Network.” (With Christian Schmid, Bruce Desmarais, and David Hunter)

“How Does the Historical Legacy of Local Level Casualties Affect Public Opinion of War?” (Ted Hsuan Yun Chen, Chuyu Liu, and Kevin Reuning)

“Measuring Audience Cost: An Experimental Design that Recovers Preference for Consistency with Less Confounding.”

#### OTHER WORKS IN PROGRESS

“A Multilayer Network Examination of Climate Change Politics.” (Part of the Echo Chambers, Experts and Activists: Networks of Mediated Political Communication project)

“Polarization of Climate Change Politics During Finland’s 2019 Parliamentary Elections: Evidence from Twitter.”

“A Multilayer Network Approach to Modeling Organized Political Conflicts.”

“Heterogeneity in the causes and consequences of political assassinations.” (Data project with Minnie Minhyung Joo, Chuyu Liu, and Kim Tran)

#### **SOFTWARE**

**Ted Hsuan Yun Chen.** 2019. *multilayer.ergm: Exponential Random Graph Models for Multilayer Networks*. R package version 0.1.6. [github.com/tedhchen/multilayer.ergm](https://github.com/tedhchen/multilayer.ergm).

#### **TEACHING**

##### INSTRUCTOR

Independent Studies on Violence and Gender (PLSC 496), Spring 2019

Independent Studies on Political Assassinations (PLSC 496), Spring 2018

Teacher at Kaplan Test Prep (Vancouver, Canada), 2009–2010

##### OTHERS

Advanced Research Design (PLSC 308), Course Designer

International Relations (PLSC 014), Teaching Assistant for Errol Henderson, Fall 2014, Fall 2017

#### **PRESENTATIONS**

“Using Social Media Data to Study Policy Actor Networks.” Workshop on Comparing Climate Change Policy Networks, University of Bern, Oct 2019.

“Reconstructing and Analyzing the Transnational Human Trafficking Network.” (With Mitchell Goist and Christopher Boylan.) IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining, Vancouver, Aug 2019.

“Transnational Scientific Communities Facilitate Cooperation in the International Nuclear Regime: Evidence from the Pugwash Movement.”

- Society for Political Methodology Meeting, MIT, Jul 2019.
- Political Networks Conference, Duke University, Jun 2019.
- International Studies Association Convention, Toronto, Apr 2019; San Francisco, Apr 2018.

“The Effect of Disaster-induced Displacement on Social Behaviour: The Case of Hurricane Harvey.”

- Midwest Political Science Association Convention, Chicago, Apr 2019.
- Toronto Political Behaviour Workshop, Toronto, Sep 2018.

“Inferential Analysis of the Supreme Court Citation Network.” (With Christian Schmid, Bruce Desmarais, and David Hunter.) American Political Science Association Meeting, Boston, Aug 2018.

“Statistical Inference for Multilayer Networks in Political Science.”

- Society for Political Methodology Meeting, Brigham Young University, Jul 2018.
- Political Networks Conference, George Mason University, Jun 2018.

“Social Activity Hubs: Estimating User Specific Contextual Factors from Social Media Data.” (With Paul Zachary and Christopher Fariss.) International Conference of the Computational Social Science Society of the Americas, Santa Fe, Oct 2017.

“Formal and Informal Diplomacy in the Asia Pacific Region, 1993-2008.” American Political Science Association Meeting, San Francisco, Aug 2017.

“Who Protests? Using Social Media Data to Solve Ecological Inference Problems in Studies of Mass Behavior.” (With Chris Fariss and Paul Zachary.)

- Midwest Political Science Association Convention, Chicago, Mar 2017.
- Southern Political Science Association, New Orleans, Jan 2017.

“Does Childhood Experience with War Deaths Affect One’s Attitude toward the Use of Force?” (With Chuyu Liu and Kevin Reuning.)

- Peace Science Society Meeting, University of Notre Dame, Oct 2016.
- International Studies Association Convention, Atlanta, Mar 2016.

“When are Hawks more Dovish than Doves Are?” (With Glenn Palmer.) International Studies Association Convention, Atlanta, Mar 2016.

“Measuring Audience Cost: An Experimental Design that Recovers Preference for Consistency with Less Confounding.”

- NYU-CESS Experimental Political Science Conference, New York University, Feb 2016.
- Southern Political Science Association Meeting, San Juan, Puerto Rico, Jan 2016.

#### **GRANTS AND AWARDS**

2019 Travel Grant. Society of Political Methodology.

2019 Jesse M. MacKnight Memorial Graduate Scholarship. Department of Political Science, Pennsylvania State University.

2019 RGSO Dissertation Support. College of the Liberal Arts, Pennsylvania State University.

2018 Travel Grant. International Studies Association.

2016-2017 Program in Empirical International Relations Predoctoral Research Fellowship. Department of Political Science, Pennsylvania State University.

2016 Graduate Summer Research Award. Department of Political Science, Pennsylvania State University.

2015 Prestage-Cook Travel Award. Southern Political Science Association.

2015 Peter Schallmoser Award. Department of Political Science, Pennsylvania State University.

2014 Graduate Summer Research Award. Department of Political Science, Pennsylvania State University.

2013-2018 Graduate Scholarship Top-off Award. College of the Liberal Arts and Department of Political Science, Pennsylvania State University.

2013 Graduate Scholar Start-up Award. Department of Political Science, Pennsylvania State University.

**SERVICE**

Reviewer: *American Journal of Political Science*, *Public Opinion Quarterly*

**SKILLS AND  
LANGUAGES**

Software and Programming: R, Python,  $\text{\LaTeX}$

Languages: English, Chinese

Last updated October 13, 2019.