

# JUSTIN CHUN-TING HO

Research Center for Humanities and Social Sciences, Academia Sinica  
128 Academia Road, Taipei 115, Taiwan  
+886 02-2787-1859 · justinho@gate.sinica.edu.tw

## EDUCATION

---

- PhD in Sociology, University of Edinburgh** 2021  
Supervised by Ross Bond and Michael Rosie.  
Dissertation title: The Rise of Hong Kong Nationalism on the Edge of Empires.  
Completed modules in research methods, natural language processing, and nationalism studies.
- MSc in Political Theory, London School of Economics and Political Science** 2013  
Dissertation researched Chinese nationalism and its conflict with the Hong Kong identity.  
Completed modules in multiculturalism, nationalism, and the contemporary disputes of justice.
- BSocSc in Government and Public Admin., Chinese University of Hong Kong** 2012  
Focused on political philosophy and international political theory.  
Minor in Sociology.

## PUBLICATIONS

---

### Peer-Reviewed Articles and Conference Proceedings

- Ho, J.C. & Chan, C. (2023) Evaluating Transferability in Multilingual Text Analyses. *Computational Communication Research* 5(2).
- Stier, S., Froio, C. & Ho, J.C. (in press) Mainstreaming the populist radical right? Online news exposure and voting behavior in the 2019 European Parliament election. *European Political Science Review*.
- Ho, J.C. (in press) Hong Kong Anticolonial Nationalism during the Chinese Language Campaign. *China Quarterly*.
- Ho, J.C. (2023) The Internationalism of Stateless Nations: The case of Hong Kong. *Nations and Nationalism* 29(1): pp. 346-363.
- Ho, J.C. (2022) Understanding Hong Kong Nationalism: A Topic Network Approach. *Nations and Nationalism* 28(4): pp. 1249-1266.
- Urman, A., Ho, J.C. & Katz, S. (2021) Analyzing protest mobilization on Telegram: The case of 2019 Anti-Extradition Bill movement in Hong Kong. *PLOS One* 16(10): e0256675.
- Barrie, C. & Ho, J.C. (2021) academictwitterR: an R package to access the Twitter Academic Research Product Track v2 API endpoint. *Journal of Open Source Software* 6(62). The Open Journal: 3272.
- Brownlie, J., Ho, J.C., Dunne, N., Fernández, N. & Squirrell, T. (2021) Troubling content: Guiding discussion of death by suicide on social media. *Sociology of Health and Illness* 43(4), pp. 607-623.
- Ho, J.C. (2020) How Biased is the Sample? Reverse Engineering the Ranking Algorithm of Facebook's Graph API. *Big Data & Society* 7(1), pp 1-15.
- Ho, J.C. (2019) Assessing the Bias of Facebook's Graph API. *ACM Hypertext and Social Media 2019*.
- Soldner, F., Ho, J.C., Makhortykh, M., Van der Vegt, I.W.J., Mozes, M. & Kleinberg, B. (2019) Uphill from here: Sentiment patterns in videos from left- and right-wing YouTube news channels. *NLP+CSS at NAACL 2019*.

## Book Chapters and Other Publications

- Ho, J.C. (2022) Scotland: A Distinct Political Community in the United Kingdom. In: Fong, C. & Ichijo, A. (eds). *The Routledge Handbook of Comparative Territorial Autonomies*. Milton Park: Routledge.
- Ho, J.C. (2022) Using Computational Text Analysis With Social Media Text. *SAGE Research Methods: Doing Research Online*. London: Sage.
- Barrie, C. & Ho, J.C. (2022) Using the Twitter Academic API With R for Social Science Research. *SAGE Research Methods: Doing Research Online*. London: Sage.
- Davidson, E., Ho, J.C. & Jamieson, L. (2019) Computational text analysis using R in Big Qual data: lessons from a feasibility study looking at care and intimacy. In: Weller, S. and Edwards, R. and Jamieson, L. & Davidson, E. (eds). *Analysing large volumes of complex qualitative data - Reflections from a group of international experts. NCRM Working Paper*. Accessible: <http://eprints.ncrm.ac.uk/4266/>
- Ho, J.C. (2017) Book review: Dynamics of National Identity: Media and Societal Factors of What We Are. *Nations and Nationalism* 23(4), pp. 1004–1006.

## AWARDS AND SCHOLARSHIP

---

- 2022: Academia Sinica Postdoctoral Research Scholars
- 2021: Best Student Paper (Runner-up), Chinese Internet Research Conference
- 2019: Gray Scholarship Award, School of Social and Political Science, University of Edinburgh
- 2018: Best Poster Presentation, European Symposium on Societal Challenges in CSS
- 2018: Honourable Mention, Summer School Series on Methods for Computational Social Science

## GRANTS

---

- 2021: SAGE Concept Grant, SAGE Publishing
- 2019: Travel Grant, 5<sup>th</sup> International Conference on Computational Social Science (IC2S2)
- 2018: Travel Grant, European Symposium on Societal Challenges in CSS, GESIS
- 2018: Travel Grant, Summer School Series on Methods for Computational Social Science, GESIS
- 2017: Travel Grant, IPSA-NUS Methods School, International Political Science Association
- 2017: Digital Scholarship Training Bursaries, University of Edinburgh

## ACADEMIC APPOINTMENTS

---

### Postdoctoral Fellow

January 2022 - Present

*Academia Sinica*

*Taiwan*

- Works on the research project *Understanding the Digital Activism of the Hong Kong Pro-democracy Movement through the Lens of Stateless Nationalism*.
- Participates in the research projects of the Communication Data and Network Analytics Lab, including *The 2022 Digital Footprints Survey, Online Social and Political Climates and Trust: A Method Triangulation Approach*

**Postdoctoral Researcher***Sciences Po*

August 2020 - January 2022

*France*

- Worked on the research project *What do the people want? Analysing Online Populism in Europe and the US* funded by a VolkswagenStiftung, in collaboration with the Oxford Internet Institute (Oxford University) and GESIS (Cologne).
- Conducted quantitative text analysis using web-tracking and social media data
- Developed new methods of multi-language topic modelling using natural language processing methods.

**Training Fellow (p.t.)***University of Edinburgh*

October 2019 - July 2020

*United Kingdom*

- Developed training programme for the Centre for Data, Culture & Society.
- Led training workshops on computational social science skills, including introduction to R and Python programming, text analysis, data visualisation, and statistical analysis.
- Carried out teaching-related administrative duties.

**Research Assistant (p.t.)***University of Leicester*

March 2019 - June 2019

*United Kingdom*

- Provided research support for research project, *Big Data Analysis of Mental Health Discussion on Chinese Microblogging site Weibo*.
- Conduct Chinese organisation and analyse data with several kinds of Text Analysis techniques.
- Pre-processed the data with R.

**Research Assistant (p.t.)***University of Edinburgh*

August 2017 - January 2018

*United Kingdom*

- Provided research support for the ESRC funded projects, *Working Across Qualitative Longitudinal Studies: a feasibility study looking at care and intimacy* and *A Shared Space and A Space for Sharing* (funded by EMoTICON programme)
- Analysed text data with Topic Modelling, Keyword Analysis, and Cluster Analysis.

**TEACHING EXPERIENCE**

---

**CURRICULUM DEVELOPMENT****Introduction to Text Analysis and Digital Research***Institut für Politische Wissenschaft, Leibniz Universität Hannover***Introduction to Computational Text Analysis and Social Media Research***School of Research, Sciences Po***Doing Social Research with Statistics (in collaboration with Alexander Janus)***School of Social and Political Science, University of Edinburgh***LECTURING****Guest Lecturer for Application of Artificial Intelligence in Law and Politics**

2022

*College of Law and Politics, National Chung Hsing University***Guest Lecturer for Public Policy Research**

2022

*Department of Government and Public Administration, Chinese University of Hong Kong***Guest Lecturer for Methods in Social Science Research**

2021

*Department of Government and Public Administration, Chinese University of Hong Kong***Lecturer for Introduction to Computational Text Analysis and Social Media Research** 2021*School of Research, Sciences Po*

<b>Instructor for Data and Text Analysis Summer School</b> <i>Centre for Data, Culture &amp; Society, University of Edinburgh</i>	2021
<b>Guest Lecturer for Using Pre-existing Data for your Own Research</b> <i>School of Social and Political Science, University of Edinburgh</i>	2019
<b>Guest Lecturer for Researching Digital Life</b> <i>School of Social and Political Science, University of Edinburgh</i>	2018
<b>Lecturer/Organiser for Introduction to Text Analysis and Digital Research</b> <i>Institut für Politische Wissenschaft, Leibniz Universität Hannover</i>	2017
<b>TUTORING</b>	
<b>Tutor for Core Quantitative Data Analysis 1 and 2 (Postgraduate Course)</b> <i>Q-Step, University of Edinburgh</i>	2018, 2019
<b>Tutor for Sociology 2b: Researching Social Life</b> <i>School of Social and Political Science, University of Edinburgh</i>	2018, 2019
<b>Tutor for Statistical Modelling</b> <i>Q-Step, University of Edinburgh</i>	2018
<b>Tutor for Doing Social Research with Statistics</b> <i>Q-Step, University of Edinburgh</i>	2017, 2018
<b>Demonstrator for Data Analysis and Research Methods</b> <i>Lothian Equal Access Programme for Schools, University of Edinburgh</i>	2018
<b>WORKSHOPS</b>	
<b>Instructor for the 2022 Quantitative Research Workshop (Topic Modelling)</b> <i>Institute of Sociology, Academia Sinica</i>	2022
<b>Speaker for Getting started with the Twitter API in R</b> <i>Twitter</i>	2021
<b>Instructor for Data Skills Workforce Development Training (Data Carpentry)</b> <i>Bayes Centre, University of Edinburgh, funded by Scottish Funding Council</i>	2020
<b>Instructor for Collecting Social Media Data</b> <i>Centre for Data, Culture &amp; Society, University of Edinburgh</i>	2020
<b>Instructor for Python for Everyone Learning Group</b> <i>Centre for Data, Culture &amp; Society, University of Edinburgh</i>	2020
<b>Instructor for Basic Text Analysis using R</b> <i>Q-Step Edinburgh, University of Edinburgh</i> <i>Centre for Data, Culture &amp; Society, University of Edinburgh</i>	2018, 2020
<b>Lead Instructor for Data Carpentry</b> <i>Bayes Centre, University of Edinburgh</i> <i>Software Sustainability Institute, University of Edinburgh</i> <i>Digital Scholarship, University of Edinburgh</i>	2018, 2019, 2020
<b>Lead Instructor for R for Data Visualisation and Statistical Analysis</b> <i>Q-Step Edinburgh, University of Edinburgh</i>	2019

## ACADEMIC AFFILIATIONS

---

- AdvanceHE (previously Higher Education Academy), Associate Fellow
- The Carpentries, Instructor
- Association for the Study of Ethnicity and Nationalism, Edinburgh Branch (ASENE), Member
- Centre for Data, Culture & Society at University of Edinburgh, PhD Affiliate
- Edinburgh Text Analysis Research Group, Founder and Convener

## ACADEMIC SERVICE

---

- Conferences Organised: Co-organiser of the Annual Conference of the Association for the Study of Ethnicity and Nationalism (2019)
- Reviewing: *Social Media and Society*, *Political Science Research and Methods*, *Social Movement Studies*, *Journal of Communication*, *Journal of Open Source Software*, *Scottish Affairs*, *Sage Open*, *Politics, Groups, and Identities*, *Global Media and China*, SAGE Publishing, International Communication Association (ICA) Annual Conference
- Country Expert (Hong Kong) for the Digital Society Project
- Postgraduate Representative, School of Social and Political Sciences, University of Edinburgh (2017-2018)

## SOFTWARE

---

**academictwitterR** R package for collecting tweets from Twitter's Academic Research API.  
Source code and releases available at: <https://cran.r-project.org/package=academictwitterR>

**LIHKGr** R package for scraping text data from LIHKG (Hong Kong's reddit).  
Source code and releases available at: <https://cran.r-project.org/package=LIHKGr>

**songotsti** R package for Cantonese tokenisation.  
Source code and releases available at: <https://github.com/justinchuntingho/songotsti>.

## LANGUAGES

---

**English** - Speaking: Fluent; Reading: Fluent; Writing: Fluent

**Cantonese** - Speaking: Native; Reading: Native; Writing: Native

**Mandarin** - Speaking: Fluent; Reading: Fluent; Writing: Fluent

**French** - Speaking: Beginner; Reading: Beginner; Writing: Beginner