

Yi Ting Chua

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Education

- 2019** **PhD (Criminal Justice), School of Criminal Justice, Michigan State University**
Dissertation: "Understanding Radicalization Process in Online Far-Right Extremist Forums Using Social Influence Model"
Committee Members: Dr. T. Holt, Dr. C. DeJong, Dr. S. Chermak, Dr. K. Frank
- 2012** **MS (Criminal Justice), School of Criminal Justice, Michigan State University**
Thesis: "The Role of Gender and Risk Perception among Police Officers: General Lifestyle Risks and Occupation-Specific Risks".
Committee Members: Dr. L. Rivers III, Dr. C. DeJong, Dr. M. Morash
- 2010** **BA (Criminal Justice) with High Honor, School of Criminal Justice, Michigan State University**
Additional Major: Psychology

Employment

- 2019 – 2020** **Research Associate**, Cambridge Cybercrime Centre, Department of Computer Science and Technology, University of Cambridge
- Improving accessibility and usability of the sharing process for large datasets
 - Conducting interdisciplinary cybercrime research focusing on the role of online communities in online criminal and deviant behaviors
 - Disseminating research through presentations and posters at conferences in various fields (e.g. Computer Science, Criminology, Information Security)
- 2018** **Research Assistant**, School of Criminal Justice, Michigan State University
- Conducting a comprehensive literature review on online illicit markets for a grant from the Department of Homeland Security
- 2011 – 2017** **Graduate Research Assistant**, School of Criminal Justice, Michigan State University
- Coding and entering data from online forums into Microsoft Excel and Access
 - Generating data files from online forums for social network analysis
 - Generating sociograms and conduct social network analysis using Microsoft Access and Pajek
 - Training and supervising undergraduate students on data entry for social network analysis

Teaching

- 2017 – 2018** **Instructor**, School of Criminal Justice, Michigan State University
Research Methods, Online Course
- Designing and organizing lecture slides, reading materials, and course assignments for the course
 - Facilitating online discussions among students
 - Developing, organizing and implementing the course through Desire2Learn
 - Advising students on future career paths
- 2018** **Guest Lecturer**, Michigan State University
Intro to Methods for Women’s & Gender Studies Research
Topic: Gender, Crime, and Justice
- 2016** **Guest Lecturer**, Michigan State University
Cyber-Crime and Cyber-Security
Topic: Cybercrime Theory, Malware and Its Impact

Publications

Refereed Journal Articles

- 2016** **Chua, Yi Ting** & Holt, Thomas J. “A Cross-National Examination of the Techniques of Neutralization to Account for Hacking Behavior”. *Victims & Offenders* 11(4), 534-555.
- Holt, Thomas J., Smirnova, Olga, & **Chua, Yi Ting**. “Exploring and Estimating the Revenues and Profits of Participants in Stolen Data Markets”. *Deviant Behavior* 37(4), 353-367.
- 2015** Holt, Thomas J., Smirnova, Olga, **Chua, Yi Ting**, & Copes, Heith. “Examining the Risk Reduction Strategies of Actors in Online Criminal Markets”. *Global Crime*, 16(2), 81-103.

Conference Publications

- 2019** (*Accepted*) **Chua, Yi Ting**, Parkin, Simon, Edwards, Matthew, Oliveira, Daniel, Schiffner, Stefan, Tyson, Gareth, & Hutchings, Alice. “Identifying Unintended Harms of Cybersecurity Measures.” APGW eCrime Symposium 2019.
- (*Accepted*) **Chua, Yi Ting**, & Collier, Ben. “Fighting the ‘Blackheart Airports’: Internal Policing in the Chinese Censorship Circumvention Ecosystem.” APGW eCrime Symposium 2019.

Publications

Conference Publications

2019 (Accepted) **Chua, Yi Ting**, Bada, Maria, Pete, Ildiko, & Collier, Ben. "Exploring the Role of Gender in Online Cybercrime Subcultures." 2nd Annual Conference on the Human Factor in Cybercrime.

Pete, Ildiko, & **Chua, Yi Ting**. An Assessment of the Usability of Cybercrime Datasets. In 12th USENIX Workshop on Cyber Security Experimentation and Test (CSET'19).

2013 Holt, Thomas J., **Chua, Yi Ting**, & Smirnova, Olga. "An Exploration of the Factors Affecting the Advertised Price for Stolen Data." In 2013 APWG eCrime Researchers Summit. IEEE.

Book

2016 Holt, Thomas. J., Smirnova, Olga, & **Chua, Yi Ting**. *Data Thieves in Action: Examining the International Market for Stolen Personal Information*. New York: Palgrave Macmillan

Book Chapters

2016 Hutchings, Alice & **Chua, Yi Ting**. Gendering Cybercrime. In T. J. Holt (Ed.), *Cybercrime through an Interdisciplinary Lens* (pp. 167-188). Oxon: Routledge

Presentations (* invited speakers)

2019 Chua, Yi Ting, Parkin, Simon, Edwards, Matthew, Oliveira, Daniel, Schiffner, Stefan, Tyson, Gareth, & Hutchings, Alice. "Identifying Unintended Harms of Cybersecurity Measures." APGW eCrime Symposium 2019. Pittsburgh, USA. November 12-15.

Chua, Yi Ting, & Collier, Ben. "Fighting the 'Blackheart Airports': Internal Policing in the Chinese Censorship Circumvention Ecosystem." APGW eCrime Symposium 2019. Pittsburgh, USA. November 12-15.

Chua, Yi Ting & Collier, Ben. "We Got Booted: An Exploration of Norms and Social Structure in Cybercrime Communities across Different Online Platforms." The 19th Annual Conference of the European Society of Criminology. Ghent, Belgium. September 18-21.

* Chua, Yi Ting. Dagstuhl Seminar: Cybersafety Threats – from Deception to Aggression (19302). Schloss Dagstuhl, Germany. July 22-26.

Presentations (* invited speakers)

- 2018** Chua, Yi Ting, Holt, T., Chermak, S., & Freilich, J. "The Radicalization Of Opinions In Online Far-Right Extremist Web Forums". The American Society of Criminology Annual 2018 Conference. Atlanta, Georgia. November 14-17.
- 2017** Chua, Yi Ting, Holt, T., Chermak, S., & Freilich, J. "Understanding Changes in Beliefs among Members in Online Extremist Web Forums". The American Society of Criminology Annual 2017 Conference. Philadelphia, Pennsylvania. November 15-18.
- * Chua, Yi Ting. Workshop on Security and Human Behavior 2017. Cambridge, United Kingdom. May 25-16.
- 2016** Chua, Yi Ting. "Examining Financial Transactions in Online Stolen Data Markets with Social Network Analysis: Trust and Selection". The American Society of Criminology Annual 2016 Conference. New Orleans, Louisiana. November 15-19.
- 2015** Chua, Yi Ting. "Understanding the Process of Becoming a Successful Carder: Knowledge and Risk Avoidance Techniques". The American Society of Criminology Annual 2015 Conference. Washington D.C. November 18-21.
- 2014** Chua, Yi Ting, & Holt, Thomas J. "Techniques of Neutralization, Attitudes, and Hacking Behaviors across Three Regions". The American Society of Criminology Annual 2014 Conference. San Francisco, California. November 19-22.
- 2013** Chua, Yi Ting, Smirnova, Olga, and Holt, Thomas J. "Examining the Network Structure of Stolen Data". The American Society of Criminology Annual 2013 Conference. Atlanta, Georgia. November 20-23.
- 2012** Chua, Yi Ting. "Gender and Risk Perception among Police Officers". Society of Risk Analysis Annual 2012 Conference. San Francisco, California. December 9-12.

Fellowships and Awards

- 2019** Best Paper Award, "Identifying Unintended Harms of Cybersecurity Measures", APWG eCrime Symposium 2019 (\$1000)
- 2018** Fellowship, School of Criminal Justice, Michigan State University (\$3651)
- Summer Dissertation Completion Fellowship, College of Social Science, Michigan State University (\$7000)

Fellowships and Awards

- 2017** Conference Travel Grant for Students, Workshop on Security and Human Behavior
RSA Conference Security Scholar, RSA Conference
- 2015** Fellowship, School of Criminal Justice, Michigan State University (\$1000)
- 2013 – 2014** Summer Fellowship, School of Criminal Justice, Michigan State University (\$3500)
- 2013** Winner of the Division of Women and Crime Student Paper Competition (\$500), American Society of Criminology
- 2011 – 2012** Louis A. Radelet Graduate Diversity Scholarship Fund, School of Criminal Justice, Michigan State University (\$5373)

Institutional Service

- 2019 – 2020** Vice President, Postdocs of Cambridge Society, University of Cambridge
- Representative at the Concordat Working Group (university committee)
 - Representative at the Equality and Diversity Committee (university committee)
- 2018 – 2019** Graduate Student Representative for Equity, Inclusion, and Justice Committee, School of Criminal Justice, Michigan State University
- 2017 – 2018** Vice President, Doctoral Student Association, School of Criminal Justice, Michigan State University
- 2015 – 2017** President, Doctoral Student Association, School of Criminal Justice, Michigan State University
- 2014 – 2015** Vice President, Doctoral Student Association, School of Criminal Justice, Michigan State University

Professional Service

- 2019** Section Editor of “Ask a Senior Colleague”, Division of Women and Crime Newsletter
- 2018** Committee Member, Social Media Committee, Division of Women and Crime

Academic Service

2016 – 2019 Reviewer for the following journals:

- Asian Journal of Criminology
- Victims & Offender
- American Behavioral Scientist
- International Journal of Cyber Criminology