

# 蔡馥璟副教授 簡歷

## 學歷

國立成功大學博士 (2006. 9-2013. 1)  
國立成功大學碩士 (2003. 9-2005. 6)  
中央警察大學學士 (1997. 9-2001. 6)

## 經歷

彰化縣警察局科長 (2014-2017)  
美國亞歷桑那大學訪問學者(2011-2012)  
中央警察大學助理教授(2018-)

## 兼任經歷

美和技術學院兼任講師 (2005-2006)  
中央警察大學兼任助理教授(2017-2018)

## 專書

## 期刊論文

1. Fu-Ching Tsai (2021, Sep). The Application of Blockchain of Custody in Criminal Investigation. Procedia Computer Science, 192, 2779-2788. (EI)
2. 2. Po-Yu Jung, Fu-Ching Tsai (2020, Sep). An AutoTriage B-CoC model in digital forensic investigation. Procedia Computer Science. (EI)
3. 3. Da-Yu Kao, Min-Ching Chen, Wen-Ying Wu, Jsen-Shung Lin, Chien-Hung Chen, Fu-Ching Tsai (2019, Jan). Drone Forensic Investigation: DJI Spark Drone as A Case Study. Procedia Computer Science, 159,1890-1899. (EI)
4. Fu-Ching Tsai, Ming-Chun Hsu, Chien-Ta Chen, Da-Yu Kao (2019, Jan). Exploring drug-related crimes with social network analysis. Procedia Computer Science, 159,1907-1917. (EI)
5. Sheng-Tun Li, Fu-Ching Tsai (2013, Feb). A Fuzzy Conceptualization Model for Text Mining and its Application in

- Opinion Polarity Classification. Knowledge-Based Systems, 39, 23–33. (SCI).
6. Li, Sheng-Tun, and Fu-Ching Tsai. "Concept-guided query expansion for knowledge management with semi-automatic knowledge capturing." Journal of Computer Information Systems 49.4 (2009): 53–65. (SCI).
  7. Li, Sheng-Tun, and Fu-Ching Tsai. "Constructing tree-based knowledge structures from text corpus." Applied Intelligence 33.1 (2010): 67–78. (SCI).
  8. Li, Sheng-Tun, Shu-Ching Kuo, and Fu-Ching Tsai. "An intelligent decision-support model using FSOM and rule extraction for crime prevention." Expert Systems with Applications 37.10 (2010): 7108–7119. (SCI).

## 研討會報告

1. Shan-Wen CHEN, Kuan-Po LIU, Fu-Ching Tsai (2020, Dec). The Visualized Analysis of Bitcoin Change Wallets in the Coin Flow Network. 2021 23rd International Conference on Advanced Communication Technology (ICACT), Korea.
2. Da-Yu Kao, Fang-Yu Lu, Fu-Ching Tsai (2020, Feb). Tool Mark Identification of Skype Traffic. 2020 22nd International Conference on Advanced Communication Technology (ICACT), Korea.
3. Da-Yu Kao, Ting-Chi Wang, Fu-Ching Tsai (2020, Feb). Forensic Artifacts of Network Traffic on WeChat Calls. 2020 22nd International Conference on Advanced Communication Technology (ICACT), Korea.
4. Fu-Ching Tsai, Ming-Chun Hsu, Da-Yu Kao (2020, Feb). Exponential Random Graph Modeling of Co-Offender Drug Crimes. 2020 22nd International Conference on Advanced Communication Technology (ICACT), Korea.
5. Fu-Ching Tsai, En-Cih Chang, Da-Yu Kao (2018, Feb). WhatsApp network forensics: Discovering the communication payloads behind cybercriminals. 2018 20th International Conference on Advanced Communication Technology (ICACT), Chuncheon-si Gangwon-do, Korea.

## 主持專題研究計畫

計 畫 名 稱	補助/委 託機構	計畫內擔任 之工作	起迄年月
以動態網絡分析探討毒品犯罪之研究	科技部	主持人	108/8-109/7
區塊鏈應用於跨國犯罪數位情資交換之研究	科技部	主持人	109/8-110/7