

Curriculum Vitae

Yi-Chien Ku, M.A., Ph.D.

Research Fellow, Crime Prevention Research Center, Ministry of Justice

Visiting Scholar, HIV Research Prevention Division, University of Pennsylvania

Research fellow, CTBC Center for Addition Prevention and Policy Research, National
Taiwan Normal University

yck47@mail.moj.gov.tw; yck47@pennmedicine.upenn.edu; kujacob@gmail.com

EDUCATION

- 2011-2016** **National Chung-Cheng University**, Department and Graduate
Institute of Criminology, Taiwan. Doctorate of Philosophy in
Criminology and Criminal Justice, thesis: An Analysis of the
Causation Relation between Drug Use and Crime –Illustrated by the
Analysis of P. E. S. Model
Advisors: Shu-Lun Yang, Spencer De LI, H. F. Hsu, Tyan-muh Tsai,
Shen-Feng Tai
- 2009-2011** **National Chung-Cheng University**, Department and Graduate
Institute of Criminology, Taiwan. Master of Arts (MA), thesis: The
Empirical Research on The Relationship between The Feeling about
Being Labeled, Self-Appraisals and the Feeling about Being
Socially Excluded of Prison Inmates
Advisors: Shen-Feng Tai, Fu-yuan Frank Huang, Mein-Woei Suen

ACADEMIC ACTIVITIES

- 2011** Research assistance. National Survey of Illegal Drug Using Prevalence
among high-risk groups in Taiwan, Project ID : DOH99-FDA-61205.
Taiwan: Food and Drug Administration. Principal Investigator (PI): Dr.
Shu-Lung Yang.
- 2012** Research assistance. A Study on the Rapid Monitoring and Early-
warning Model of Epidemiology of Drug Abuse - A Study of Kaohsiung
City, Project ID : DOH101-FDA-61101. Taiwan: Food and Drug
Administration. Principal Investigator (PI): Dr. Shu-Lung Yang
- 2013** Research assistance. A Pilot Study of Developing a National Drug

Monitoring System and Platform for Data Sharing and Exchanging,
Project ID : DOH102-FDA-61302. Taiwan: Food and Drug
Administration. Principal Investigator (PI): Dr. Shu-Lung Yang

2014 Research assistance. Study on the Major Modus Operandi of Sexual Offenders. Taiwan: Ministry of Health and Welfare. Principal Investigator (PI): Dr. Shu-Lung Yang; Co-principal Investigator (co-PI): Dr. Fu-Seng Hsu

2015 Research assistance. Preplanning and Application Project for Big Data Analysis of Crime and Criminal Justice System, Project ID : MOST104-2420-H194-007. Taiwan: Ministry of Science and Technology. Principal Investigator (PI): Dr. Shu-Lung Yang; Co-principal Investigator (co-PI): Dr. Sing-Ling Lee

2016 Research fellow. An evaluative study on the effectiveness of fine penalty and workshop for the third and fourth schedule drug users in new Taipei City, Project ID : PG10509-0092. Taiwan: New Taipei City Government. Principal Investigator (PI): Dr. Shu-Lung Yang; Co-principal Investigator (co-PI): Dr. Fu-Seng Hsu

2014-2016 Research assistance. The Study on Illegal Drug Use among Juvenile in New Taipei, Taichung and Kaohsiung City. Project ID : MOST103-2410-H194-097-SS3. Taiwan: Ministry of Science and Technology. Principal Investigator (PI): Dr. Shu-Lung Yang

2011-2016 Research fellow. National Survey on Crime Victimization and Order Satisfaction in Taiwan. Taiwan: Crime Research Center. Principal Investigator (PI): Dr. Jyh-Yang Wu and Dr. Shu-Lung Yang

2016-2017 Military Service. The Rights and Interests Division, Conscription Agency, Taiwan.

201801-201810 Research fellow. Crime Prevention Research Center, Ministry of Justice, Taiwan.

201810-201812 Adjunct Postdoctoral researcher. Crime Prevention Research Center, Ministry of Justice, Taiwan.

2016-2020 Leader of Research and Development Division. Taiwan Society for Substance Abuse Research.

2019-202103 Adjunct Research fellow. Crime Prevention Research Center, Ministry of Justice, Taiwan

201810-202010 Visiting Scholar, HIV Research Prevention Division, University of Pennsylvania

202101-202103 Postdoctoral research fellow, Department of Health Promotion and Health Education, NTNU

202104- Research fellow. Crime Prevention Research Center, Ministry of Justice, Taiwan.

ACADEMIC PUBLICATIONS

Published Journal Articles

C. Denis, T. Dominique, P. Smith, D. Fiore, D. Brown, A. Davison, D. Dunbar, **Y-C Ku**, K. Morales, P. Crits-Christoph, M. Blank, S. D. Douglas, D. Evans, D. Metzger (2021). Characteristics of high-risk injectors opioid use disorder individuals in Philadelphia. *AIDS AND BEHAVIOR*, 25(7), 2230-2239. (SCI, 25/289, Social Psychology research).

En Chao, Chia-Chun Hung, Ching-Po Lin, **Yi-Chien Jacob Ku**, Qurat Ul Ain, David S. Metzger, Tony Szu-Hsien Lee (2020, Jul). Adherence among HIV-positive injection drug users undergoing methadone treatment in Taiwan. *BMC Psychiatry*, 20(346), 1-8. (SCI, 88/538, Psychiatry and Mental Health (Q1)). MOST 103-2410-H-003-022.

Yuan-Hao Cheng, **Yi-Chien Ku**, Yung-Ta Wu (2020). When Zombies Invade Taiwan- Current Status and Future Challenges of Facebook Fake Accounts and Disinformation. *Criminal Policies and Crime Prevention*, 26, 65-123.

Shu-Lung Yang, Shuping Tzeng, Shen-Feng Tai, **Yi-Chien Ku** (2019, Aug). Illegal Drug Use Among Adolescents in Schools and Facilities: 3-Year Surveys in Taiwan. *Asian Journal of Criminology*, 15, 45–63. (SSCI, 38/107, Criminology & Penology (Q1)).

Yi-Chien Ku, Chia-Yu Hsu, Chen Hsiang-Yu, Yung-Ta Wu (2021). An Analysis of the difference between the application of conviction for imprisonment on indictment and the court's pronounced sentence on the Use of Schedule I

- drugs. *Journal of Substance Abuse Research*, 6(4), 89-111.
- Yi-Chien Ku, Tao-Hsing Chang, Fu-Yuan Hsu, Yu Wu, Li-Ru Lin, Yao-Ting Sung, Tony Szu-Hsien Lee (2021). A Pilot Study on the Application of Natural Language Analysis to Indictments for Drug Use Offenses, *Criminal Policies and Crime Prevention*, 30, 93-140.
- Yi-Chien Ku**, Yeong-Dar Wu, I-Chia Tsai (2019). Developing the Guide for Implementing Family Skills Training Programs to Prevent Drug Usage in Taiwan Communities. *Criminal Policies and Crime Prevention*, 20, 34-48.
- Yi-Chien Ku**, Yuan-Hao Cheng, Ruei-Min Chen, Shih-Jhih Lin (2019). A Preliminary Exploration of the Intersection of Marijuana Addiction, Depression and Violence among Drug-Using Inmates in Taiwan. *Journal of Substance Abuse Research*, 4(3), 29-58.
- Yi-Chien Ku**, Pang-yang Liu (2018). Internet Opinion and Sentiment of the Prosecutorial System: A Big-Data Analysis. *Journal of Criminal Justice Policy and Crime Prevention*, 19, 22-36.
- Yi-Chien Ku** (2018). The Inspiration from the Effects of the U.S. Ignition Interlock Laws on Fatal Motor Vehicle Crashes. *Journal of Criminal Justice Policy and Crime Prevention*, 19, 72-76.
- Yi-Chien Ku***, Shen-Feng Tai, Shu-Lung Yang (2018). Analyzing Systemic Violence from the Perspectives of Social Alienation and Deviant Group Identification. *Journal of Interpersonal Violence*. (Submitting)
- Shu-Lung Yang, Tzu-Hao Wu, **Yi-Chien Ku** (2018). International Trends and Controversies over Drug Use and Sanctions. *Criminal Law Journal*, 62(1), 57-88.
- Yan Min Gan, **Yi-Chien Ku***, Chung-Jian Lin (2018). An Exploratory Research on Trend and Structure of 110 Emergency Hotline Data through Application of Multivariate Regression Trees – Taking Chiayi City Police Bureau Second Precinct for an Example. *National Taiwan Police College Bulletin*, 6(7), 1-30.
- Shu-Lung Yang, Tony Szu-Hsien Lee, Kai-Pao Cheng, **Yi-Chien Ku**, Zi-xuan Liu, Mei-Jun Wen (2017). The experience of drug abuse between deferred prosecution and compulsory treatment for second-class drug abuser. *Journal of Substance Abuse Research*, 2(4), 1-28.
- Chung-Jian Lin, **Yi-Chien Ku***, H. F. Hsu (2017). The Study and Analysis on National Sexual Assault Reports data through application of Multivariate Regression Trees. *Journal of Taiwan Society of Delinquency Research and Prevention*, 9(1), 49-96.
- Shu-Lung Yang, **Yi-Chien Ku**, Kai-Pao Cheng (2017). A Study on Substance Abuse

- Monitoring and System Integration. *Journal of Criminal Justice Policy and Crime Prevention*, 14, 13-34.
- Shu-Lung Yang, Shu-Ping Tzeng, Sheng-Feng Dai, **Yi-Chien Ku**, Ruei-Min Chen (2017). A Survey of Prevalence of illegal drug use among Students in Taiwan: Findings from New Taipei City, Taichung City and Kaohsiung City. *Journal of Substance Abuse Research*, 2(3), 1-12.
- Shu-Lung Yang, Fu-Seng Hsu, Kai-Pao Cheng, **Yi-Chien Ku**, Ruei-Min Chen, Yuan-Hao Jheng, Shih-Jhih Lin (2017). An evaluative study on the effectiveness of fine penalty and workshop for the third and fourth schedule drug users. *Journal of Substance Abuse Research*, 2(2), 1-45.
- Shu-lung Yang, **Yi-Chien Ku**, Tzu-Hsuan Liu, Chun Chien Lin, Kai-Pao Cheng (2017). The Prevalence of Substance Abuse and Prevention Project for Night Clubs. *Chinese Journal of Drug Dependence*, 26(2), 33-38.
- Yi-Chien Ku***, Shen-Feng Tai (2016). The Feeling of Being Socially Excluded and Anticipated Management Strategies among Taiwanese Inmates. *Journal of Criminology (Taiwan)*, 18(2), 51-77.
- Chung-Jian Lin, **Yi-Chien Ku ***, H. F. Hsu (2016). A Study of Public Opinion on Decriminalization of Drug Use: from the perspectives of economic, criminal, judicial and treatment factors. *Journal of Substance Abuse Research*, 1(1), 41-77.
- Shu-Lung Yang, Fu-Seng Hsu, **Yi-Chien Ku**, Kai-Pao Cheng, Ting-Ting Su (2016). A Study on the Major Modus Operandi of Sexual Offenders in the Cases of the District Court in Taiwan. *Police Science Bimonthly*, 46(5), 1-32.
- Shu-Lun Yang , Sheng-Feng Dai , Shu-Ping Tzeng , **Yi-Chien Ku** ,Zi-xuan Liu ,Fan-Yu Zhang (2016). A Survey on the Prevalence of Ketamine among Juveniles in Taiwan. *Chinese Journal of Drug Dependence*, 25(1), 81-89.
- Shen-Feng Tai,**Yi-Chien Ku** (2015). Constructing a Virtual Street Space: The Application of the Psychology of Projective Techniques to Measure the Fear of Crime among College Students. *Journal of Taiwan Society of Delinquency Research and Prevention*, 7(2), 1-36.
- Shu-Lun Yang, Sheng-Feng Dai, Shu-Ping Tzeng, **Yi-Chien Ku**, Fan-Yu Zhang (2015). An Investigation of Illicit Drug Using among Juvenile Inmates in New Taipei City, Taichung and Kaohsiung in 2015. *Journal of Taiwan Society of Delinquency Research and Prevention*, 7(2), 162-225.
- Shu-Lung Yang, Shen-Feng Tai, **Yi-Chien Ku***, Kai-Pao Cheng, Hsin-Ming Po (2014). A Study of Illegal Drug Use among Adult Arrestees in Kaohsiung City. *Police Science Bimonthly*, 45(1), 27-60.
- Yi-Chien Ku***, Te-Chung Peng, Kai-Pao Cheng (2014). The Research of Job

Satisfaction of Purchasing Department in Police. *Police Science Bimonthly*, 45(4), 109-142.

Shu-Lung Yang, Shen-Feng Tai, **Yi-Chien Ku**, Hsin-Ming Po, Kai-Pao Cheng(2013). A Study of Illegal Drug Use among Youths- the Cases of Kaohsiung City. *Journal of Taiwan Society of Delinquency Research and Prevention*, 5(1), 91-130.

Yi-Chien Ku, Tai, Shen-Feng (2013). The Empirical Research on the Effect of the Feeling about Being Labeled on Self-Appraisals among Taiwan Prison Inmates. *Police Science Bimonthly*, 44(2), 45-73.

Chang Lin, Shen-Feng Tai, **Yi-Chien Ku** (2012). The Study for the Attitude of Sex Offenders among the Post-Imprisonment Mandatory Treatment. *Asian Journal of Domestic Violence and Sexual Offense*, 8(2), 1-16.

* Corresponding author

CONFERENCE PAPER

C. Denis, T. Dominique, P. Smith, D. Fiore, D. Brown, A.Davison, D. Dunbar, **Y-C Ku**, K. Morales, P. Crits-Christoph, M. Blank, S. D. Douglas, D. Evans, D. Metzger (2020, Jun). Characteristics of high-risk injectors opioid use disorder individuals in Philadelphia, PA: highlights for interventions. 2020 NIDA International Poster Session at the College on Problems of Drug Dependence (CPDD) Virtual Scientific Meeting, Virtual Scientific Meeting.

Yi-Chien Ku, David S. Metzger, Duc N., Tony Szu-Hsien Lee (2020, Jun). The Intersection of Financial Strain, Self-Control, and Non-Violent Property Crime among Marijuana Using Inmates. 2020 NIDA International Poster Session at the College on Problems of Drug Dependence (CPDD) Virtual Scientific Meeting, Virtual Scientific Meeting. MOST 107-2917-I-564-027.

Yi-Chien Ku, Tony Szu-Hsien Lee, Ma, L., Fu, L., Ma, J., Rui, B., Wei, L., Huang J., Ruan, Y., Shao, Y., David S. Metzger (2019, Jun). Medication and Counseling Effects in Opioid-Dependent PWID from HPTN058. 2019 NIDA International Forum, J.W. Marriott San Antonio Hill Country, San Antonio, Texas.

Yi-Chien Ku, Weng-Fong Chao (2018, Nov). Does the Revised Against Narcotics Act Reduce Drug Offenses in Taiwan? An Interrupted Time Series Analysis. 74th The American Society of Criminology Annual Meeting, Atlanta, USA. ACCCJ Making Use of Empirical Data in China, Hong Kong and Taiwan Wed, Nov 14, 8:00 to

9:20am, Marriott, L403, Lobby Level Session Submission Type: Complete Thematic Panel.

Yi-Chien Ku (2017, Dec). The Intersection of Marijuana Addiction, Depression and Violence among Drug-Using Inmates. Antidrug Challenges and Opportunities in the Frontiers of One Belt One Road & 5th Annual Meeting of AASAR, Yunnan, China.

Yi-Chien Ku, Shu-Lung Yang (2017, Jun). Analyzing Systemic Violence from the Perspectives of Social Alienation and Deviant Group Identification. 5th Asia-Pacific Society on Alcohol and Addiction Research (31 May – 03 June, 2017). Taipei: Taiwan

Yi-Chien Ku, Chung-Jian Lin (2016). A Study on Fear of Crime and Public Order Policy Satisfaction – Analysis of Crime and Social Factors. 2016 Cross-Strait Workshop of Criminology - Crime Prevention and Cross-Strait Joint Fight against Crime (8-10 May, 2016). China: Fujian

I-Chia Tsai & **Yi-Chien Ku** (2018). Caning for Social Safety? A Brief Analysis of Singapore's Caning Strategy. 10th Annual Conference of Asian Criminological Society (25-27 June, 2018). Parallel Session 1-D. Malaysia: Penang

Shu-Lung Yang, **Yi-Chien Ku** (2015). A Survey of Prevalence of illegal drug use among Juveniles in Taiwan. International Conference on Drug Abuse Prevention and Treatment in Asia 2015 (9-10 November, 2015). China: University of Macau

Yi-Chien Ku & Shen-feng Tai (2014). The Feeling of Being Socially Excluded and Anticipated Management Strategies among Taiwanese Inmates. 6th Annual Conference Of Asian Criminological Society (June 27-29, 2014). Presentation Session: Crime and Response in Taiwan. Japan: Osaka

Yi-Chien Ku (2012). The Empirical Research on the Relationship between the Feeling about Being Labeled, Self-Appraisals and the Feeling about Being Socially Excluded of Prison Inmates. 4th Annual Conference of Asian Criminological Society (August 20-22, 2012). Presentation Session S6-2. Korea: Seoul

Yi-Chien Ku & Shen-feng Tai (2011). Stigma, Social Exclusion and the Attitude toward Society among Prison Inmates. 16th World Congress International Society for Criminology (August 5-9, 2011). Poster Session No. 1109. Japan: Kobe

SELECTIVE PUBLICATIONS

Book Chapter

1. Yang, S-L., Dai, S-F., Tzeng, S-P., Jhu R-C., Li, Z-S., **Ku, Y-C.**, (2017). Drug Abuse Trends in U.S.A., China and Taiwan. In S-L, Yang & T.S.H. Lee (Eds.), *Preventing and Counseling Drug Abuse among Adolescent (ch1)*. Taipei, Taiwan: Wu-Nan
2. Yang, S-L., Dai, S-F., Tzeng, S-P., **Ku, Y-C.**, Cheng, K-P. (2017). International and regional anti-drug education programs (ch8). In S-L, Yang & T.S.H. Lee (Eds.), *Preventing and Counseling Drug Abuse among Adolescent*. Taipei, Taiwan: Wu-Nan
3. Dai, S-F., **Ku, Y-C.**, (2013). Crime Trends in Taiwan. In Ohbuchi, Ken'ichi & Dai, S-F., (Eds.), *Criminal Psychology (ch1)*. Taipei, Taiwan: Yeh Yeh Book Gallery

Special Column

1. Yi-Chien Ku (2020). Talking about the problem of drug overdose. Drug Abstinence+1 Quarterly , 32, 1-3
<https://extws.cyhg.gov.tw/Download.ashx?u=LzAwMS9VcGxvYWQvMTU1MC9yZWxmaWxlLzIwMDE2LzEzNDQ5OC8zMmQwN2RjNi0xMGU2LTQwNmUtYmE5My0zZGFhNzNkYmRjYTEucGRm&n=MTA55bm056ysMzLmnJ8ucGRm&icon=.pdf>
2. Yi-Chien Ku (2020). Rumor Busting: "Drug + Mental Illness + Murder = Innocence? ". Drug Abstinence+1 Quarterly , 31, 1-3
https://cyshb.cyhg.gov.tw/antidrug/News_Content.aspx?n=7366E49E4BB796CE&sms=5082268C129B9585&s=55843E7E40FDC865
2. I Huei Shih, **Yi-Chien Ku** (2019). Preliminary Discussion of The Decriminalization of Drug Use. *Quarterly Journal of Drug Prevention Plus One* 2/2, 26,1-4.
3. I Huei Shih, **Yi-Chien Ku** (2019). Preliminary Discussion of The Decriminalization of Drug Use. *Quarterly Journal of Drug Prevention Plus One* 1/2, 25, 4-7.
4. **Yi-Chien Ku** (2018). "I Envy My Younger Sister"- Talking About the Murderer with Schizophrenia in the Dentist Office. *MOJ Literature Review*. From:
<https://www.tpi.moj.gov.tw/ct.asp?xItem=516838&ctNode=46161&mp=302>
5. **Yi-Chien Ku** (2018). A Review of Ignition Interlock Laws: Effects on Fatal Motor

Vehicle Crashes, 1982–2013. *MOJ Literature Review*. From:
<https://www.tpi.moj.gov.tw/HitCounter.asp?xItem=507152&ixCuAttach=182659>

6. **Yi-Chien Ku** (2018). The messages sent from the school shooting threats. *MOJ Literature Review*. From:
https://www.upmedia.mg/news_info.php?SerialNo=39951
7. **Yi-Chien Ku** (2011/06). Face up to the Problem of Juvenile Drug Abusing in Taiwan. *Taiwan Society of Delinquency Research and Prevention Newsletter Quarterly*, 4(2), 19-30.
8. Chao, Weng-Fong & **Yi-Chien Ku** (2011/12). Explore the Interaction between Teenage Deviance and Family Dependency. *Taiwan Society of Delinquency Research and Prevention Newsletter Quarterly*, 4(4), 17-37.

Report

1. **Yi-Chien Ku & Pang-yang Liu** (2018). Internet Opinion and Sentiment of the Prosecutorial System: A Big-Data Analysis. *MOJ Research Report*. From:
<https://www.tpi.moj.gov.tw/HitCounter.asp?xItem=533642&ixCuAttach=196670>
2. **Yi-Chien Ku & Pang-yang Liu** (2018). Developing the Guide for Implementing Family Skills Training Programs for the Prevention of Drug Use in Taiwan Communities. *MOJ Research Report*. From:
<https://www.tpi.moj.gov.tw/HitCounter.asp?xItem=533642&ixCuAttach=196669>

STATISTICS TRAINING & STATISTICAL ANALYSIS

- | | |
|-------------|---|
| 2015 | Cheer Chain Enterprise Co., Science Software International (SSI) Inc. Hierarchical Linear Model Software HLM 7.0 Training. |
| 2015 | AsiaAnalytics Taiwan Ltd., IBM SPSS Modeler and Data Mining Course. |
| 2015 | AsiaAnalytics Taiwan Ltd., Applying Data Mining Technology on National Health Insurance Research Database (NHIRD) with SPSS Training. |
| 2017 | IBM SPSS Software Certificate, Business Intelligence Data Analyst, OCT 05, 2017. NO.1027271 |

AWARDS, HONORS AND SCHOLARSHIPS

1. A Scholarship at Department of Criminology, Sep., 2009, National Chung-Cheng University
2. 2nd place of Badge Design Competition for Taiwan Society of Delinquency Research and Prevention. August, 2012
3. Award for Excellent in 2012 National Thesis competition for anti-drugs. June, 2012, Ministry of Education, Taiwan
4. 2nd Prize. Thesis Competition for Penology, March, 2013, Taiwan Society of Criminology (Taiwan).
5. 1st Prize. Thesis Competition for Criminology, Feb. 2017, Society of Criminology (Taiwan).
6. Award for Excellent in 2018 National Thesis competition for Interior. June, 2018, Ministry of Interior, Taiwan