

## Yi-Fang Lu

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Iowa City, Iowa 52242  
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### Current Appointment

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Postdoctoral Research Scholar Public Policy Center, University of Iowa	2024-
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### Education

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<b>George Mason University, Fairfax, VA</b>	2024
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Ph.D. Criminology, Law and Society

Dissertation: Exploring Police Exposure to Critical Incidents, Perceived Stress, and Turnover Intention in a Suburban-Rural Jurisdiction

Chair: Dr. Sue-Ming Yang

Members: Dr. David Weisburd, Dr. Cynthia Lum, and Dr. Clair Uding

<b>National Taipei University, Taipei, Taiwan</b>	2017
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M.A. Criminology

Thesis: The Impacts of Harsh Parenting on Substance Use and Violent Delinquency among Adolescents.

Supervisor: Dr. Chyi-In Wu

<b>National Taiwan University, Taipei, Taiwan</b>	2013
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B.S. Psychology

### Areas of Interest

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• Policing and mental health • Wellness of law enforcement professionals • Place-based criminology • Neighborhood and crime • Community health

### Publications

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#### Peer-reviewed journal articles

1. Koper, C., **Lu, Y.-F.**, & Dong, B. (forthcoming) Concealed Firearm Carrying Laws and Defensive Firearm Use in Public Locations of U.S. Metropolitan Areas, 1986-2004. *Injury Prevention*.
2. Yang, S.-M. & **Lu, Y.-F.** (2024) Evaluating the effects of co-response teams in reducing subsequent hospitalization: A place-based randomized controlled trial, *Policing: A Journal of Policy and Practice*, Volume 18, 2024, paad080, <https://doi.org/10.1093/police/paad080>
3. Yang, S.-M., Gill, C. E., **Lu, Y.-F.**, Azam, M., & Kanewske, L. C. (2024) A police-clinician co-response team to people with mental illness in a suburban-rural community: A randomized controlled trial. *Journal of Experimental Criminology*. <https://doi.org/10.1007/s11292-023-09603-8>
4. **Lu, Y.-F.**, Jian, Y.-S., & Yang, C.-Y. (2024) Cumulative exposure to citizens' trauma and secondary traumatic stress among police officers: the role of specialization in domestic violence prevention, *Police Practice and Research*, 25(2), 113-

132, DOI: 10.1080/15614263.2023.2189593

5. **Lu, Y.-F.** & Petersen, K. (2023). Effectiveness of psychological skills training for police personnel: a meta-analysis. *Occupational and Environmental Medicine*, 80(10), 590-598. <https://doi.org/10.1136/oemed-2023-109117>
6. Kang, B., & **Lu, Y.-F.** (2023). The Association between Mental Health-Related 911 Calls and the Mental Health Professional Shortage in New York City. *Journal of Urban Health*, 100(5), 914-923. DOI: 10.1007/s11524-023-00777-0
7. Petersen, K., & **Lu, Y.-F.** (2023). The Downstream Effects of Body-worn Cameras: A Systematic Review and Meta-analysis. *Justice Quarterly*, 40(6), 765-790. DOI: 10.1080/07418825.2023.2181855
8. Wu, K. C.-C., Lee, M.-S., **Lu, Y.-F.**, Yeh, Y.-Z., Wang, J.-K., & Jou, S.-S. (2021). The Prevalence and Psycho-Social Risk Factors of Indiscriminate Murder: No Man Is an Island?. *NTU L. Rev.*, 16, 251-284. (Taiwan)
9. Jou, S.-S., Lin, Y.-S., Sung, H.-E., Teng, L.-W., Syue, W.-T., Pai, C.-F., & **Lu, Y.-F.** (2016). Victim's Family Roles in Criminal Procedures: dilemma and conflicts. *The Military Law Journal*, 62(4), 1-17. (Taiwan)

#### Under review

1. Examining the Crime Concentration: Spatial Patterns of Burglary Crime in an East Asian Setting (with I-Ching Jen)
2. Exposure to citizen incivility, the perception of public disrespect, and police stress: Evidence from front-line officers in South Korea (with Kiseong Kuen)

#### Work in progress

1. Neighborhood disadvantage, violent crime, and health in Baltimore (with Beidi Dong & Brianna Camero)
2. Exploring the lived experiences of drug addicted women and their interaction with law enforcement officers: a qualitative study (with Chiao-Yu Yang & Yi-Syuan Jian)
3. Comorbidity Analysis of Mental Health Calls at Micro Places—Identifying “Signal Calls” to Better Respond to Mental Health Problems in a Rural Setting (with Sue-Ming Yang, Sangjun Park, & Charlotte Gill)
4. Exploring Suicide Ideation of Homicide Offenders and Victim-Offender Relationships (with Susyan Jou)
5. The Illusion of “Fear” of Crime: Design Issues of Victimization Surveys and the Effects on Respondents' Reported Levels of Fear (with Sue-Ming Yang, Joshua Hinkle, Audrey Clubb, & Caitlin L. Kanewske)

#### Technical reports

1. Yang, S.-M., **Lu, Y.-F.**, & Jen, I.-C. (2024). Partners in Crisis: Improving Police Response to Individuals in Moments of Crisis by Providing Service Alternatives. Report to National Institute of Justice.
2. Yang, S.-M., Gill, C., Kanewske, L. C., **Lu, Y.-F.**, Azam, M., Thompson, P. S., ... & Chapman, J. (2019). Improving police response to mental health crisis in a rural area. Report to Bureau of Justice Assistance.
3. Jou, S.-S., Lee, M.-S., Lin, Y.-S., Hsu, P.-C., Sung, C.-Y., Yeh, Y.-C. & **Lu, Y.-F.** (2019) The Death Sentence Gap Between the Public and Professional Judges. Report to Judicial Yuan, Taipei, Taiwan.
4. Jou, S.-S., Wu, C.-C., Lee, M.-S., Wang, C.-K., Yeh, Y.-C., & **Lu, Y.-F.** (2017). Understanding and Preventing Stranger/Indiscriminate Murders. Report to Academy for the

Judiciary, Ministry of Justice. Taipei, Taiwan.

#### Book editor

1. The George Mason Police Research Group with David Weisburd. (Ed.). (2022). *Translational Criminology in Policing* (1st ed.). Routledge. <https://doi.org/10.4324/9781003153009>

#### Translational work

1. Yang, S.-M., **Lu, Y.-F.**, Jen, I.-C., & Chen, C.-M. (2021). Introducing Different Types of Crisis Response Partnership between the Police and Mental Health Professionals in the United States. *Criminal Policies and Crime Prevention*, 29, 233-279. (Taiwan)
2. Yang, S.-M., Gill, C., Kanewske, L. C., **Lu, Y.-F.**, Azam, M., Thompson, P. S., Hall H., & Chapman, J. (2021). Improving Police Response to Mental Health Crises in a Rural Community. *Translational Criminology*, 20, 12-14.

#### Encyclopedia entry

1. Barberi, D. & **Lu, Y.-F.** (2020) Halfway Houses. In Bumgarner J. and Lewandowski C. (Eds.), *Criminal Justice in America: The Encyclopedia of Crime, Law Enforcement, Courts, and Corrections*.

### **Graduate Research Assistantship**

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| 2023-2024   | <p>“Understanding the Impact of Covid-19 Pandemic on Victimization Risk and Service Needs for Domestic Violence Victims and Survivors” (PIs: Drs. Mangai Natarajan and Yasemin Irvin-Erickson), National Science Foundation (\$343,241)</p> <ul style="list-style-type: none"> <li>• Participated in survey data collection and focus groups and conducted data analysis</li> </ul>  |
| 2022-2024   | <p>“Coalition to Enhance the Capacity of Policing Mental Health Problems in Virginia” (PI: Dr. Sue-Ming Yang, Co-PI: Dr. Yasemin Irvin-Erickson), Bureau of Justice Assistance (\$1,483,000)</p> <ul style="list-style-type: none"> <li>• Designed survey instrument, created IRB protocol, participated in survey data collection and focus groups, and coauthored research papers</li> </ul>   |
| 2021-2023   | <p>“Partners in Crisis: Improving Police Response to Individuals in Moments of Crisis by Providing Service Alternatives” (PI: Dr. Sue-Ming Yang), National Institute of Justice (\$385,434)</p> <ul style="list-style-type: none"> <li>• Conducted spatial data analysis, led survey data collection and administrative data collection, data management, designed randomized experiment protocol, developed training materials, created IRB protocol, coordinated the co-responder program, participated in focus groups, and wrote final report and research papers</li> </ul> |
| Summer 2020 | <p>“Evidence-based Policing Matrix” (PIs: Drs. Cynthia Lum and Christopher Koper), Center for Evidence-based Crime Policy</p> <ul style="list-style-type: none"> <li>• Conducted literature review of evidence-based policing research and wrote the summary of articles for public distribution</li> </ul>  |
| Summer 2020 | <p>“Firearm Legislation and Policy Index” (PI: Dr. Beidi Dong), Faculty Research and Development Award, George Mason University</p>  |

- Conducted literature review of firearm legislation research
- 2018-2019 “Improving Police Response to Mental Health Crisis in a Rural Area” (PI: Dr. Sue-Ming Yang, Co-PI: Dr. Charlotte Gill), Bureau of Justice Assistance (\$627,482)
  - Conducted data analysis and coauthored final report and research papers
- Summer 2018 “An Examination of the Rising Star Hypothesis in Formal Mentoring” (PI: Dr. Changya Hu, Co-PI: Dr. Sue-Ming Yang), Ministry of Science and Technology, Taiwan (NTD\$547,537)
  - Participated in survey data collection
- 2017 “The Death Sentence Gap between the Public and Professional Judges” (PI: Dr. Susyan Jou), Judicial Yuan, Taiwan (NTD\$1,998,176)
  - Developed RCT protocol and created IRB protocol
- 2017 “Understanding and Preventing Stranger/Indiscriminate Murders” (PI: Dr. Susyan Jou), Ministry of Justice, Taiwan (NTD\$1,090,000)
  - Participated in survey design, survey data collection, and interview and created IRB protocol
- 2016 “A Blueprint for Healthy Aging: Determinants and Prevention of Frailty and Depression in Elderly” (PI: Dr. Chyi-In Wu), Institute of Sociology, Academia Sinica, Taiwan
  - Participated in survey data collection and survey data digitalization
- 2014-2015 “A Pilot Study of Restorative Justice and Pre-sentence Social Inquiry report” (PI: Dr. Susyan Jou), National Taipei University, Taiwan
  - Participated in survey design, survey data collection, and interview
- 2014-2015 “Comparative Case Studies on Green Crime and Environmental Law Enforcement” (PI: Dr. Lan-Ying Huang), National Technology and Science Council, Taiwan
  - Participated in interview and transcribed interview data

## Teaching Experience

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- Instructor
  - CRIM315 Research Methods and Analysis in Criminology, George Mason University (Summer, 2022)
- Guest Lecturer
  - CRIM320 Crime and Place, George Mason University (Fall, 2023)
  - CRIM783 Statistics II (graduate), George Mason University (Spring, 2023)
- Teaching Assistant
  - CRIM783 Statistics II, George Mason University (Spring 2021)
  - CRIM783 Statistics II, George Mason University (Spring 2020)
  - CRIM783 Statistics II, George Mason University (Spring 2019)
  - Applied Statistics in Criminology, National Taipei University, Taiwan (Fall 2015)

## Awards and Honors

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- Summer Research Fellowship (\$8,000), 2023, George Mason University
- Summer Scholarship, 2018, 2019, 2021, 2022, Department of Criminology, Law and Society, George Mason University
- Dean's Challenge Award (\$5,000), 2019, George Mason University
- Provost Scholarship, 2017-2019, George Mason University
- Taiwan Governmental Fellowship in Criminology, 2017-2021
- Introduced to Phi Tau Phi Scholastic Honor Society, 2016, National Taipei University
- Scholarship in Correctional Research, 2016, Scholarship Foundation of Ministry of Education, Taiwan
- Presidential Award of National Taiwan University, 2013, National Taiwan University
- Presidential Award of National Taiwan University, 2009, National Taiwan University

### Scholarly Presentations

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1. Natarajan, M., Irvin-Erickson, Y., Suh, B., Smith, L., & **Lu, Y.-F.** (2023) Collaborative Research Understanding the Impact of the COVID-19 Pandemic on Victimization Risk and Service Needs for Domestic Violence Victims & Survivors. Presented at the Annual Conference of American Society of Criminology, Philadelphia, Nov. 15-18, 2023.
2. **Lu, Y.-F.** & Yang, S.-M. (2023). Examining the Longitudinal Spatial Patterns of Mental Health-related Calls for Service at Micro Places. Presented at the Annual Conference of American Society of Criminology, Philadelphia, Nov. 15-18, 2023.
3. Yang, S.-M. & **Lu, Y.-F.** (2023). The Effectiveness of a Co-responder Team in Reducing Subsequent Mental Health Episodes—A Placed Based Approach. Presented at the Annual Conference of American Society of Criminology, Philadelphia, Nov. 15-18, 2023.
4. Jen, I.-C., Yang, S.-M. & **Lu, Y.-F.** (2023). Exploring the Effects of a Clinician-Dispatch Co-responder Model in Triaging Mental Health Calls. Presented at the Annual Conference of American Society of Criminology, Philadelphia, Nov. 15-18, 2023.
5. Kang, B. & **Lu, Y.-F.** (2023). The Association between Mental Health-Related 911 Calls and Mental Health Professional Shortage Areas. Presented at 2023 AcademyHealth Annual Research Meeting, Seattle, Jun. 24-27, 2023.
6. Yang, S.-M. & **Lu, Y.-F.** (2023). A Tale of Two RCTs: Lessons Learned from Two Field Experiments on Mental Health Co-response Teams in Rural Areas. Presented at the symposium celebrating the Retirement of David Weisburd. Jerusalem, Israel, May 17-20, 2023.
7. **Lu, Y.-F.**, Yang, S.-M., & Dong, B. (2022). Exploring Neighborhood Social Processes in the Digital Age. Presented at the Annual Conference of American Society of Criminology, Atlanta, Nov. 16-19, 2022.
8. Jian, Y.-S. & **Lu, Y.-F.** (2022). Exploring the Impacts of Critical Incident Exposure on Police Officers' Mental Health. Presented at the Annual Conference of American Society of Criminology, Atlanta, Nov. 16-19, 2022.
9. Jen, I.-C. & **Lu, Y.-F.** (2022). Examining Concentration of Property Crime. Presented at the Annual Conference of American Society of Criminology, Atlanta, Nov. 16-19, 2022.
10. **Lu, Y.-F.**, Jen, I.-C., & Yang, S.-M. (2021). Social Ties, Collective Efficacy, and Community Engagement. Presented at the Annual Conference of American Society of Criminology, Chicago, Nov. 17-20, 2021.
11. **Lu, Y.-F.**, Yang, S.-M., & Wu, T.-H. (2020). Spatial Association between Collective Efficacy and Property Crime. Accepted for presentation at the Annual Meeting of the American

Society of Criminology, Washington, D.C., November, 2020 (conference cancelled due to COVID-19).

12. **Lu, Y.-F.**, Yang, S.-M., Gill, C., Azam, M., & Chapman, J. (2019). Improving Police Responses to People with Mental Illness. Presented at the Annual Conference of American Society of Criminology, San Francisco, Nov. 13-16, 2019.
13. Yang, S.-M., Park, S., Gill, C., **Lu, Y.-F.**, & Thompson, P. S. (2018). Exploring the Geographic Distributions of Mental Health Calls in a Rural Area. Presented at the Annual Conference of American Society of Criminology, Atlanta, Nov. 14-17, 2018.
14. Hinkle, C. J., Yang, S.-M., **Lu, Y.-F.**, Kanewske, L. C., & Clubb, A. (2018). The impact of Survey Design on the Relationship between Fear and Victimization. Presented at the Annual Conference of the Europe Society of Criminology, Sarajevo, Bosnia & Herzegovina, Aug. 29-Sep. 1, 2018.
15. **Lu, Y.-F.**, Wu, K. C.-C., Jou, S.-S., & Lee, M.-S. (2018). Victim-Offender Relationships in Homicide: The Roles of Victimization, Violent Delinquency and Suicide Attempt Following the Offense. Presented at the 10<sup>th</sup> Annual Conference of Asian Criminological Society. Penang, Malaysia, June 24-28, 2018.
16. **Lu, Y.-F.** (2016). The Impacts of Harsh Parenting on Substance Use and Violent Delinquency among Adolescents. Presented at the 8<sup>th</sup> Annual Conference of Asian Criminological Society. Beijing, China, June 18-19, 2016.

### **Advanced Statistical Analysis and Research Methods Training**

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Bayesian Statistical Modeling, CILVR, University of Maryland, June 2024

Structural equation modeling, Statistical Horizons, June 2023

Text data analysis, Statistical Horizons, August 2021

Social network analysis, Statistical Horizons, March 2021

Meta-analysis, George Mason University, Spring 2021

Geographic information system (ArcGIS), George Mason University, Fall 2020

Advanced spatial statistics, George Mason University, Spring 2019

Longitudinal data analysis, Statistical Horizons, August 2018

Latent growth curve modeling, LPRC, Washington State University, May 2018

### **Service Experience**

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- Student Representative, Division of Community and Place Executive Board, American Society of Criminology (2022-2023)
- Treasurer, Police Research Group, Department of Criminology, Law and Society, George Mason University (2021-2023)
- Volunteer, the Study Group of Development of National Preventive Mechanisms, Judicial Reform Foundation, Taiwan (Summer, 2020)
- Vice President, Police Research Group, Department of Criminology, Law and Society, George Mason University (2019-2020)