

Sue-Ming Yang

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Education

- 2007 **Ph.D.** Criminology and Criminal Justice, University of Maryland
(Minor in Department of Measurement, Statistics and Evaluation, University of Maryland)
- 1999 **M.A.** Graduate Institute of Criminology, National Chung-Cheng University, Taiwan.
- 1996 **B.S.** Department of Psychology, National Taiwan University, Taipei, Taiwan.

Professional Experience

- 2014-present **Assistant Professor**, Department of Criminology, Law and Society, George Mason University
- 2014 **Associate Professor**, Department of Criminology and Criminal Justice, National Chung Cheng University, Taiwan
- 2013 Fall **Visiting Scholar**, Criminology, Law and Society, George Mason University
- 2013 Fall **Visiting Scholar**, National Consortium for the Study of Terrorism and Responses to Terrorism, University of Maryland
- 2010-2014 **Assistant Professor**, Department of Criminology and Criminal Justice, National Chung Cheng University, Taiwan
- 2012-present **Research Collaborator**, “The Canadian Research Network on Terrorism, Security, and Society”. Social Science and Humanities Research Council of Canada (SSHRC) Partnership Development Grant Program.
- 2007-2010 **Assistant Professor**, Department of Criminal Justice, Georgia State University, USA
- 2008-present **Faculty Affiliate** – Center for Evidence-Based Crime Policy, George Mason University
- 1990-2000 **Legislative Analyst/ Research Fellow**, Ministry of Education, Taiwan.

Journal Publications

- Yang, Sue-Ming** and Chi-Chao Pao. (forthcoming). Do You “See” the Same Thing?: An Experimental Look into the Black Box of Disorder Perception. *Journal of Research in Crime and Delinquency*.
- Weisburd, D., E. Groff, G. Jones, B. Cave, K. Amendola, **S.-M. Yang**, R. Emison. (forthcoming). The Dallas Patrol Management Experiment: Can AVL Technologies be Used to Harness Unallocated Patrol Time For Crime Prevention? *Journal of Experimental Criminology*.
- Weisburd, David, Elizabeth R. Groff, and **Sue-Ming Yang**. (2014). The Importance of Both Opportunity and Social Disorganization Theory in a Future Research Agenda to Advance Criminological Theory and Crime Prevention at Places. *Journal of Research in Crime and Delinquency*, July 2014; vol. 51, 4: pp. 499-508.
- Hinkle, Joshua and **Sue-Ming Yang**. (2014). A New Look into Broken Windows: What Shapes Individuals’ Perceptions of Social Disorder? *Journal of Criminal Justice*.
- LaFree, Gary, Erin Miller, and **Sue-Ming Yang**. (2013). Terrorism In Indonesia, The Philippines And Thailand, 1970 To 2008. *Security and Peace*.
- Weisburd, David, Elizabeth Groff, and **Sue-Ming Yang**. (2013). Understanding and Controlling Hot Spots of Crime: The Importance of Formal and Informal Social Controls. *Prevention Science*.
- Yang, Sue-Ming** and Laura A. Wyckoff. (2010). Perceptions of Safety and Victimization: Does Survey Construction Affect Perceptions? *Journal of Experimental Criminology*, 6(3), 293-323.
- Groff, Elizabeth, David Weisburd, and **Sue-Ming Yang**. (2010). Is it Important to Examine Crime Trends at a Local "Micro" Level?: A Longitudinal Analysis of Street to Street Variability in Crime Trajectories. *Journal of Quantitative Criminology*, 26 (1):7-32.
- Yang, Sue-Ming**. (2010). Assessing the Spatial-temporal Relationship between Disorder and Violence. *Journal of Quantitative Criminology*, 26(1): 139-163.
- LaFree, Gary, **Sue-Ming Yang**, and Martha Crenshaw. (2009). Trajectories of Terrorism: Attack Patterns of Foreign Groups that Have Targeted the United States, 1970 to 2004. *Criminology and Public Policy*, 8(3), 445-473.
- Lum, Cynthia and **Sue-Ming Yang**. (2005). Why Do Evaluation Researchers in Crime and Justice Choose Non-experimental Methods? *Journal of Experimental Criminology*, 1(2), 191-123.

Weisburd, David, Shawn Bushway, Cynthia Lum, and **Sue-Ming Yang**. (2004). Trajectories of Crime at Place: A Longitudinal Study of Street Segments in the City of Seattle. *Criminology*, 42(2), 283-321.

Weisburd, David, Cynthia Lum, and **Sue-Ming Yang**. (2003). When Can We Conclude that Treatments or Programs Don't Work? *Annals of the American Academy of Political and Social Sciences*, 587, 31-48.

Other Publications

Books

Weisburd, D., Eck, J. E., Braga, A. A., Telep, C., Cave, B, Bowers, K.,a Bruinsma, G., Gill, C., Groff, E., Hibdon, J., Hinkle, J. C., Johnson, S. D., Lawton, B., Lum, C. Ratcliffe, J., Rengert, G., Taniguchi, T., & **Yang, S.** (In Press). *Place Matters: Criminology in the 21st Century*. Forthcoming from Cambridge University Press. a—Authorship order is alphabetical starting from Bowers.

Weisburd, David, Elizabeth Groff, and **Sue-Ming Yang**. (2012) *The Criminology of Place: Developmental Patterns and Risk and Preventive Factors*. Oxford University Press Inc.

Weisburd, David, Cody W. Telep, Anthony A. Braga, Elizabeth R. Groff, Joshua C. Hinkle, Cynthia Lum, Nancy A. Morris, Laura A. Wyckoff, **Sue-Ming Yang** (2010). *The Importance of Place in Policing*. Production: Swedish National Council for Crime Prevention, Information and Publications.

Book Chapters

Yi-Yuan Su and **Yang, Sue-Ming**. The Prevalence of Eco-terrorism and Legislative Reactions to Eco Terror. (submitted for review)

Yang, Sue-Ming. (2013). Social Disorder and Physical Disorder at places. In David Weisburd Gerben J.N. Bruinsma (eds). *Encyclopedia of Criminology and Criminal Justice*. Springer- Verlag.

Yang, Sue-Ming, David Weisburd, and Elizabeth R. Groff. (2013). Criminal Career of Places. In David Weisburd Gerben J.N. Bruinsma (eds). *Encyclopedia of Criminology and Criminal Justice*. Springer-Verlag.

Weisburd, David, Elizabeth R. Groff, **Sue-Ming Yang**, and Cody W. Telep. (2013). Criminology of Places: Places and our Understanding of the Crime Problem. In David Weisburd Gerben J.N. Bruinsma (eds). *Encyclopedia of Criminology and Criminal Justice*. Springer-Verlag.

Yang, Sue-Ming and Joshua Hinkle. (2012). Issues in Survey Design---

Using Victimization and Fear of Crime Surveys as Examples. In Lior Gideon (ed.). *The Handbook of Survey Methodology in Social Sciences*. Springer-Verlag.

Dugan, Laura and **Sue-Ming Yang** (2011). Introducing Group-Based Trajectory Analysis and Series Hazard Modeling: Two Innovative Methods to Systematically Examine Terrorism over Time. In Cynthia Lum and Leslie Kennedy (Eds.) *Evidence-Based Counterterrorism Policy*. Springer-Verlag Evidence-Based Crime Policy Series. pp.113-149.

Yang, Sue-Ming and Gary LaFree. (2011). Trajectories and Geospatial Patterns (Chapter 4), in Gary LaFree, Lorraine Mazerolle, Rebecca Denning, Erin Miller, Gentry White, and Sue-Ming Yang. (2011). *Modeling the Effectiveness of Counter-Terrorism Strategies in Indonesia, the Philippines and Thailand*. Final Report. National Consortium for the Study of Terrorism and Responses to Terrorism (U.S.) and Centre of Excellence in Policing and Security (Australia).

LaFree, Gary, **Sue-Ming Yang**, and Martha Crenshaw. (2010). International cooperation, not unilateral policies may be the best counterterrorist strategy. In Natasha A. Frost, Joshua D. Freilich, and Todd R. Clear (Eds.), *Contemporary Issues in Criminal Justice Policy: Policy Proposals from the American Society of Criminology Conference*. pp. 121-128. Belmont, CA: Cengage/Wadsworth.

Work in Progress

Weisburd, David, Alese Wooditch, Sarit Weisburd, and **Sue-Ming Yang**. Do Stop, Question, and Frisk Practices Deter Crime? Evidence at Micro-Units of Space and Time. (submitted for review)

Mei-Chin Juan and **Sue-Ming Yang**. Comparing the effects between social ties and collective efficacy on neighborhood crime rates. (submitted for review)

Yang, Sue-Ming, Joshua C. Hinkle and Laura Wyckoff. Social Disorder, Physical Disorder and Crime—Using Multitrait-Multimethod (MTMM) Techniques to Examine Convergent and Discriminant Validity among the Three

Yang, Sue-Ming. Police, offenders, and residents: comparing disorder perception using an innovative laboratory experiment.

Yang, Sue-Ming and I-Chin Jen. Does law enforcement crack down deter eco-terrorism? Analysis of spatial displacement of the Family.

Yang, Sue-Ming and Joshua C. Hinkle. Systematic Comparison of Victimization Surveys and How the Design of Survey Affects Research Conclusions.

Yang, Sue-Ming, David Weisburd, and Elizabeth Groff. Exposure to Concentrated Disadvantaged Environment on Students' Academic Achievement and Truancy.

Yang, Sue-Ming. The Variability of Short-term Criminal Career of Place: A Time Series Analysis on Disorder-Violence Nexus.

Technical Reports

Yang, Sue-Ming, Yi-Yuan Su, and Jennifer Varriale Carson. (2014). Eco-Terrorism and the Corresponding Legislation Efforts to Intervene and Prevent Future Attacks. Final Report. The Canadian Network for Research on Terrorism, Security, and Society (TSAS).

Yang, Sue-Ming (2013). "Examining the Mechanism Underlying the Perceptions of Disorder." Final Report. National Science Council.

Yang, Sue-Ming and Gary LaFree. (2011). Trajectories and Geospatial Patterns (Chapter 4), in Gary LaFree, Lorraine Mazerolle, Rebecca Denning, Erin Miller, Gentry White, and Sue-Ming Yang. (2011). Modeling the Effectiveness of Counter-Terrorism Strategies in Indonesia, the Philippines and Thailand. Final Report. National Consortium for the Study of Terrorism and Responses to Terrorism (U.S.) and Centre of Excellence in Policing and Security (Australia).

Weisburd, David, Elizabeth Groff, and **Sue-Ming Yang**. (2009). Understanding Developmental Crime Trajectories at Places: Social Disorganization and Opportunity Perspectives at Micro Units of Geography. Final Report. National Institute of Justice Grant. Number 2005-IJ-CX-0006.

Weisburd, David, Cynthia Lum, and **Sue-Ming Yang**. (2004). The Criminal Career of Places: A Longitudinal Study. Final Report. National Institute of Justice Grant Number 2001-IJ-CX-0022. <http://www.ncjrs.gov/pdffiles1/nij/grants/207824.pdf>

Grant Activities

2013-2015 **Principal Investigator:** "Exploring the Mechanisms of Social Control in a Relational Society: A Comparison of the Explanatory Effects of Social Ties and Collective Efficacy in Taiwan." National Science Council. Taiwan (\$70,000 USD).

2013-2014 **Principal Investigator:** "Eco-Terrorism and the Corresponding Legislation Efforts to Intervene and Prevent Future Attacks." The Canadian Network for Research on Terrorism, Security, and Society (TSAS). (\$14,700 Canadian Dollars).

2012-2013 **Principal Investigator:** "Examining the Mechanism Underlying the Perceptions of Disorder." National Science Council. Taiwan (\$25,000)

USD).

- 2012 **Principal Investigator** "Teaching Grant for Innovative Teaching Methods." National Chung Cheng University. (\$1,000 USD)
- 2009 Faculty Development Grant, Georgia State University. (\$ 800 USD)
- 2009 **Principal Investigator:** "Risk Evaluation of Terrorism in South East Asia." National Consortium for the Study of Terrorism and Responses to Terrorism, University of Maryland. (\$30,149)
- 2009 **Principal Investigator:** "Using Global Terrorism Data to Model Counter Terrorism Policies in Sri Lanka." National Consortium for the Study of Terrorism and Responses to Terrorism, University of Maryland. (\$22,500)
- 2008 **Research Associate:** "The Criminology of Place: Developmental Patterns and Risk and Preventative Factors." University of Maryland Subaward. (\$10,000)
- 2008-present **Principal Investigator:** "Deterrence or Brutalization: The Effect of Governmental Interference on Domestic Terrorism. Using Tamil Tigers as an Example." National Consortium for the Study of Terrorism and Responses to Terrorism, University of Maryland. (\$33,000)

Teaching Experience

- 2010-present **Undergraduate:** Introduction to Criminology, Crime Prevention, The Imagination of Statistics, Career Development
Graduate: Advanced Statistics, Criminology of Places, Crime Typology and Preventative Strategies, Innovations in Policing, Advanced Research Methodology, National Chung Cheng University
- 2011 Winter Research Methods on Terrorism Research (BSOS633), University of Maryland
- 2007-2010 Research Methods (CJRU 3020), Statistics (CRJU 3610), Introduction to Criminology (CRJU 3410), Georgia State University
- 2006 Introduction to Criminological Theory (CCJS 105), Introduction to Criminal Justice (CCJS100), University of Maryland

Honors

- 2013 Exchange Scholar Award. National Science Council
- 2012 Young Scholar Research Award. Chinese Criminology Association

- 2011 Young Scholar Award. National Chung Cheng University.
- 2006 (July) ICPSR Travel Award for “Project on Human Development in Chicago Neighborhoods Workshop,” University of Michigan
- 2005 (Nov) Jacob K. Goldhaber Travel Grant to attend and present at the Annual Conference of American Society of Criminology in Toronto, University of Maryland
- 2005 (June) Travel award granted by Summer Institute on Longitudinal Methods to attend the Survival Analysis Workshop, Pennsylvania State University
- 2000-2003 Taiwan Governmental Fellowship on Crime and Corrections (Sole Recipient of Three Years Full Support)
- 1996-1997 National Chung-Cheng University Graduate School Fellowship Recipient

Presentations

- Sue-Ming Yang** and Mei-Chin Juan (2014). Perception of Disorder, Individual Experiences and Place Characteristics. American Society of Criminology. San Francisco.
- Joshua C. Hinkle, **Sue-Ming Yang**, and Laura Wyckoff (2014). The Disorder-Fear Nexus: Implications of Using Broad Scale Measures of Disorder. American Society of Criminology. San Francisco.
- Clubb, Audrey, Joshua C. Hinkle, and **Sue-Ming Yang**. (2014). An examination of survey design issues in fear of crime research. American Society of Criminology. San Francisco.
- Sue-Ming Yang** and Chih-Chao Pao (2013). Examining Perception of Disorder: A Laboratory Experiment *Reimagining Broken Windows: From Theory to Policy NSCR International Workshop*, Amsterdam, October 24-25, 2013.
- Sue-Ming Yang** (2013). What Produces Change in Terrorist Activities? Introducing Two Innovative Methods to Systematically Examining Terrorism over Time. Turning A New Leaf: Developments in Research and Policy on Terrorism & Counter-Terrorism. Ottawa, Canada. May 2-3.
- Sue-Ming Yang** (2012). Examining Disorder Perception: A Look at What’s Inside of the Black Box. American Society of Criminology. Chicago.
- Sue-Ming Yang** and Mei-Chin Juan(2012). Comparing the Explanatory Effects of Social Ties And Collective Efficacy in Predicting Neighborhood Crime Rates. Political

Theories in East Asian Context Joint Workshop

- Sue-Ming Yang** and Laura Dugan. (2011). Introducing Group-Based Trajectory Analysis and Series Hazard Modeling: Two Innovative Methods to Systematically Examine Terrorism over Time. Annual Meeting of American Society of Criminology at Washington, D.C.
- David Weisburd, Elizabeth Groff, **Sue-Ming Yang**. (2011). Understanding Crime Trajectories at Street Segments: A Retrospective Longitudinal Study. Annual Meeting of American Society of Criminology at Washington, D.C.
- Sue-Ming Yang**, Elizabeth Groff, and David Weisburd. (2010). Does Concentrated Disadvantage Affect School Outcomes for Public School Students? Annual Meeting of American Society of Criminology at San Francisco.
- Hinkle, Joshua, and **Sue-Ming Yang**. (2010). Surveying fear of crime and victimization experiences: An exploratory study of question wording and question-order effects. Annual Meeting of American Society of Criminology at San Francisco.
- LaFree, Gary, Erin Miller, and **Sue-Ming Yang**. (2010). Analysis of Terrorist Attacks in Indonesia, the Philippines and Thailand. Presentation for the Department of the Prime Minister and Cabinet, Canberra, Australia, August 4, 2010
- LaFree, Gary, Erin Miller, and **Sue-Ming Yang**. (2010). Analysis of Terrorist Attacks in Indonesia, the Philippines and Thailand. Presentation for the Department of Homeland Security, November 22, 2010.
- Sue-Ming Yang**, Elizabeth Groff, and David Weisburd. (2010). The Effect of Exposure to Concentrated Disadvantaged Environments on Children's Academic Achievement and Truancy. Stockholm Criminology Symposium/Stockholm Prize, Stockholm, Sweden.
- LaFree, Gary and **Sue-Ming Yang**. (2009). POLICY PROPOSAL: International Cooperation, Not Unilateral Policies May be the Best Counterterrorist Strategy. American Society of Criminology Conference, Philadelphia, PA.
- Yang, Sue-Ming**, David Weisburd, and Elizabeth Groff. (2009). What Matters in Predicting Crime? Analyzing Risk Factors Related to Crime at Micro Places Over Time. American Society of Criminology Conference, Philadelphia, PA.
- Elizabeth Groff, David Weisburd, and **Sue-Ming Yang**. (2009). Is it Important to Examine Crime Trends at a Local "Micro" Level?: A Longitudinal Analysis of Block to Block Variability in Crime Trajectories. American Society of Criminology Conference, Philadelphia, PA.

- Yang, Sue-Ming.** (2009). Causal or Merely Co-Existing: A Longitudinal Study of Violence and Disorder at Places. Crime and Place Working Group Special Session on the Empirical Evidence on the Relevance of Place in Criminology. The Center for Evidence-Based Crime Policy, George Mason University.
- Yang, Sue-Ming.** (2009). Causal or Merely Co-Existing: A Longitudinal Study of Violence and Disorder at Places. Congressional Briefing “**Reducing Violent Crime at Places: The Research Evidence**” held by the Center for Evidence-Based Crime Policy, George Mason University.
- Yang, Sue-Ming,** Gary LaFree and Martha Crenshaw. (2008). A Group-Based Analysis of Anti-American Terrorist Attacks from 1970 to 2004. American Society of Criminology Conference, St. Louis, MO.
- Hinkle, Joshua C. and **Sue-Ming Yang.** (2008). What Shapes Peoples’ Perception of Disorder? An Exploratory Study of Fear, Victimization and Demographics. American Society of Criminology Conference, St. Louis, MO.
- Yang, Sue-Ming,** Crenshaw Laura Dugan, and Gary LaFree. (2008). A Group-Based Analysis of Anti-American Terrorist Attacks. AAAS Annual Meeting, Boston.
- Yang, Sue-Ming,** David Weisburd, and Elizabeth Groff. (2007). Developmental Trajectories of Crime at Place: Descriptive Patterns and Correlates. American Society of Criminology Conference, Atlanta.
- Weisburd, David, Elizabeth Groff, and **Sue-Ming Yang.** (2007). The Distribution of Routine Activities, Crime Opportunities, and Social Disorganization Across Micro Units of Place. American Society of Criminology Conference, Atlanta.
- Groff, Elizabeth, David Weisburd, and **Sue-Ming Yang.** (2007). Explaining Variation in Micro Level Crime Trends at Places: Contrasting Opportunity and Social Structure. American Society of Criminology Conference, Atlanta.
- Yang, Sue-Ming.** (2006). The relationship between disorder and violent crime: causal or spurious? A longitudinal study of violent crime and disorder. American Society of Criminology Conference, Los Angeles.
- Yang, Sue-Ming,** Martha Crenshaw, Laura Dugan, and Gary LaFree. (2006). Who Targets Were Targeting the United States? A Group-Based Analysis on Anti-American Terrorist Attacks from 1970 to 1997. Poster at American Society of Criminology Conference, Los Angeles.
- Lum, Cynthia, **Sue-Ming Yang,** and David Weisburd. (2005). Explaining Longitudinal Crime Trends at Places: Bursik’s Challenge to Social Disorganization. American Society of Criminology Conference, Toronto, Canada.

Lum, Cynthia, David Weisburd, and **Sue-Ming Yang**. (2004). Why Do Evaluation Researchers in Criminal Justice Choose Non-experimental Methods? 4th Annual Jerry Lee Crime Prevention Symposium. University of Maryland at College Park. Also presented at 1st Annual World Societies Conference (Paris, France).

Yang, Sue-Ming and Doris Layton MacKenzie. (2003). Criminal Activities and Other Life Consequences: A Test of the General Theory of Crime With High-Risk Juveniles. American Society of Criminology Conference, Denver, CO.

Weisburd, David, Shawn Bushway, Cynthia Lum and **Sue-Ming Yang**. (2003). The Criminal Careers of Places: Some Preliminary Findings from a Longitudinal Study. American Society of Criminology Conference, Denver, CO.

Weisburd, David, Cynthia Lum, and **Sue-Ming Yang**. (2002). When Can We Conclude that Treatments or Programs Don't Work? 3rd Annual Jerry Lee Crime Prevention Symposium. University of Maryland at College Park.

Wyckoff, Laura, **Sue-Ming Yang**, Qianwei Fu, Dawn-Marie Campos, and Shaoli Lu. (2002). Does the Order of Victimization Questions Affect Survey Responses?: A Randomized Experimental Study. American Society of Criminology Conference, Chicago, IL.

Professional Affiliations

- American Sociological Association (Since 2013)
- The Canadian Research Network on Terrorism, Security, and Society (Since 2012).
- National Consortium for the Study of Terrorism and Responses to Terrorism, University of Maryland (since 2006)
- Crime and Place Working Group, Center for Evidence-Based Crime Prevention Administration of Justice Department, George Mason University (since 2008)
- American Society of Criminology (since 2000)
- Drug Abuse Prevention Center, National Chung Cheng University (since 2011)
- Chinese Criminology Association (since 1996)

Service

Professional Service

Committee for Evaluation of Effectiveness of Probation Service, Ministry of Justice, Taiwan (2012-2014)

Parole Advisory Board, Kaohsiung Prison, Taiwan (2014)

Outreach Committee for Division of Experimental Criminology of the American Society of Criminology (2009 to present)

Program Committee for American Society of Criminology (for 2009 annual meeting)

Chairing presentation sessions for ASC (2008-2009)

Reviewer for *Criminology* (2005-present)

Reviewer for *Journal of Experimental Criminology* (2007-present)

Reviewer for *Journal of Quantitative Criminology* (2009-present)
Reviewer for *Justice Quarterly* (2009-present)
Reviewer for *Journal of Criminal Justice* (2008-present)
Reviewer for *International Journal of Criminal Justice Review* (2008-present)
Reviewer for *Crime and Criminal Justice International* (2011)
Jerry Lee Symposium organizing group (2001-2003)

Departmental Service

Departmental Website Design Committee (2010-present)
Undergraduate Admission Committee (2011-present)
Undergraduate Committee (2008-2010)
Department's contact for State's Charity Campaign (GSU) 2007
Graduate Research Discussion Group (2005-2006)
Police Research Group (2001-present)

Special Methodological and Software Skills

Quantitative Research Knowledge:

- Structural Equation Modeling
- Factor Analysis
- Categorical Data Analysis
- Multivariate Analyses
- Psychological Measurement: Simon-Binet IQ test, Rorschach, MMPI and etc.
- Randomized Experimental Methods
- Trajectory Analysis and Latent Growth Curve Analysis
- Propensity Score Matching Method
- Hierarchical Linear Modeling
- Geographic Information System (GIS)

Qualitative Research Knowledge:

- Contextual analysis
- Phenomenological analysis
- Interview skills

Training Workshops Attended:

- Hierarchical Linear Modeling Analysis (certified by EDMS at the University of Maryland)
- Trajectory Analysis (certified by Summer Institute of Longitudinal Method at Pennsylvania State University)
- Latent Growth Curve Analysis (ICPSR certified)
- Survival Analysis (certified by Summer Institute of Longitudinal Method at Pennsylvania State University)
- Longitudinal Method Project on Human Development in Chicago Neighborhoods (ICPSR workshop)

