

# CURRICULUM VITAE

## Lei, Man-Kit (Karlo)

Center for Family Research  
University of Georgia  
1095 College Station Road  
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### EDUCATION

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- 2013 Ph.D., Department of Sociology, The University of Georgia  
Comprehensive Examination: Crime, Law, and Deviance  
Dissertation: Neighborhood Context and Well-Being: How Much Does Neighborhood Really Matter? (B. O. Williams Award for Dissertation Research)
- 2010 M.A., Department of Sociology, The University of Georgia  
Thesis: Gender, Neighborhoods, and Delinquency: A Reexamination of Social Disorganization Theory (B. O. Williams Award for Thesis Research)
- 2001 M.A., Department of Sociology, National Taiwan University  
Thesis: Bad Parents, Bad Kids? The Linkages of Adolescent Violent Behaviors
- 1999 L.L.B., Major in Law, Minor in Sociology, National Taiwan University

### RESEARCH AND TEACHING INTERESTS

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Social Determinants of Health and Illness; Advanced Quantitative Research Methods (Structural Equation Modeling; Multilevel Modeling; Marginal Structural Models and Causal Inference; Longitudinal Data Analysis); Criminology; Community Studies; Family Studies

### PROFESSIONAL EXPERIENCE

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- 2014 – current *Assistant Research Scientist*, Institute for Behavioral Research, University of Georgia
- 2015 – current *Adjunct Faculty*, Department of Sociology, University of Georgia
- 2012 – 2013 *Research Statistician*, Center for Family Research, University of Georgia
- 2012 – 2013 *Predoctoral Training Program*, Center for Family Research, University of Georgia
- 2008 – 2012 *Graduate Research Assistant*, Center for Family Research, University of Georgia
- 2005 – 2008 *Data Analyst*, Center for Family Research, University of Georgia
- 2001 – 2005 *Project Coordinator* for Taiwan Youth Project, Institute of Sociology, Academia Sinica, Taiwan
- 2000 – 2001 *Research Assistant*, Institute of Sociology, Academia Sinica, Taiwan

### AWARDS OR HONORS

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- 2017 *NIH Early Career Reviewer Program*, Center for Scientific Review, National Institutes of Health
- 2016 "*Most Impactful Article*" Designation, Social Science & Medicine  
<http://www.journals.elsevier.com/social-science-and-medicine/social-science-medicine-most-impactful-articles>
- 2014 *B. O. Williams Award for Dissertation Research*, University of Georgia
- 2013 *Outstanding Article Award*, American Society of Criminology
- 2013 *Certificate of Excellence*, Department of Sociology, University of Georgia
- 2012 *First Prize, Gene Carte Student Paper Award*, American Society of Criminology
- 2012 *The Best Graduate Student Paper Award*, Evolution, Biology & Society Section, American Sociological Association
- 2011 *B. O. Williams Award for Thesis Research*, University of Georgia
- 2010 *Graduate Fellow*, Phi Kappa Phi National Honorary Society
- 1999-2001 *University Fellowship*, National Taiwan University

## **GRANT SUPPORT**

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### **Funded**

Co-Investigator, "Psychosocial Context and the Biological Clock: Changes in Weathering during Middle-Age." National Institute on Aging, \$3,240,000. 2017-2022.

Statistical Consultant, "Biomarkers of Health Risk among African American Couples." National Institute of Child Health and Human Development, \$3,650,000. 2015-2020.

Statistical Consultant, "Social Determinants of Inflammation and Metabolic Syndrome among Young Adult African Americans." National Heart, Lung, Blood Institute, \$2,891,478. 2014-2018.

Statistical Consultant, "Home-based Prevention for African American Families in Rural Communities." National Institute of Child Health and Human Development, \$2,665,354. 2012-2018.

### **Under Review**

Co-Investigator, "Using a Randomized Prevention Trial to Understand the Health Benefits of Supportive Couple Relationships among Rural African American Adults." National Institute on Aging, \$3,733,837. 2018-2023.

### **Not Funded**

Principal Investigator, "Epigenetic Aging among African Americans: Stress, Support, and Inflammation." National Institute of Health, \$1,077,160.

## **PUBLICATIONS**

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### **PEER REVIEWED PUBLICATIONS**

**Lei, M-K.**, Simons, R. L., Beach, S. R. H., & Philibert, R. A. (in press). Neighborhood disadvantage and biological aging: Using marginal structural models to assess the link between neighborhood census variables and epigenetic aging. *Journal of Gerontology: Series B*. doi:10.1093/geronb/gbx015

Beach, S. R. H., **Lei, M. K.**, Simons, R. L., Barr, A. B., Simons, L. G., Ehrlich, K., Brody, G. H., Philibert, R. A. (in press). When inflammation and depression go together: The longitudinal effects of parent-child relationships. *Development and Psychopathology*.

Beach, S. R. H., **Lei, M.-K.**, Brody, G. H., & Philibert, R. A. (in press). Prevention of early substance use mediates, and variation at SLC6A4 moderates, SAAF intervention effects on OXTR methylation. *Prevention Science*. doi:10.1007/s11121-016-0709-5

Beach, S. R. H., **Lei, M-K.**, Brody, G. H., Miller, G. E., Chen, E., Mandara, J., & Philibert, R. A. (2017). Smoking in young adulthood among African Americans: Interconnected effects of supportive parenting in early adolescence, proinflammatory epitype, and young adult stress. *Development and Psychopathology*, 29, 957-969.

- Beach, S. R. H., **Lei, M-K.**, Ong, M. L., Brody, G. H., Dogan, M., & Philibert, R. A. (2017). MTHFR methylation moderates the impact of smoking on DNA methylation at AHRR for African American young adults. *American Journal of Medical Genetics: Neuropsychiatric Genetics*, *174*, 608-618.
- Simons, R. L., **Lei, M-K.**, Beach, S. H. R., Barr, A. G., Cutrona, C. E., Gibbons, F. X., & Philibert, R. (2017). Ratio of inflammatory versus antiviral cell types mediates the effect of social adversity and age on increases in chronic illness. *Social Science & Medicine*, *185*, 158-165.
- Simons, R. L., **Lei, M-K.**, Beach, S. H. R., Cutrona, C. E., & Philibert, R. A. (2017). Methylation of the oxytocin receptor gene mediated the effect of adversity on negative schemas and depression. *Development and Psychopathology*, *29*, 725-736.
- Burt, C. H., **Lei, M-K.**, & Simons, R. L. Racial discrimination, and crime: Understanding mechanisms of resilience. (2017). *Social Problems*, *64*, 414-438.
- Lei, M-K.**, Beach, S. H. R., Dogan, M., & Philibert, R. A. (2017). A pilot investigation of the impact of smoking cessation on biological age. *The American Journal on Addictions*, *26*, 129-135.
- Lei, M-K.**, Beach, S. R. H., Simons, R. L., Barr, A., Cutrona, C. E., & Philibert, R. A. (2016). Stress, relationship satisfaction, and health among African American women: Genetic moderation of effects. *Journal of Family Psychology*, *30*, 221-232.
- Berg, M. T., Burt, C. H., **Lei, M-K.**, Simons, L. G., Stewart, E. A., & Simons, R. L. (2016). Neighborhood social processes and adolescent sexual partnering: A multilevel appraisal of Anderson's player hypothesis. *Social Forces*, *94*, 1823-1846.
- Beach, S. R. H., Barton, A. W., **Lei, M-K.**, Mandara, J., Wells, A. C., Kogan, S., & Brody, G. H. (2016). Decreasing substance use risk among African American youth: Parent-based mechanisms of change. *Prevention Science*, *17*, 572-583.
- Dogan, M. V., **Lei, M-K.**, Beach, S. R. H., Brody, G. H., & Philibert, R. A. (2016). Alcohol and tobacco consumption alter hypothalamic pituitary adrenal axis DNA methylation. *Psychoneuroendocrinology*, *66*, 176-184.
- Beach, S. R. H., **Lei, M-K.**, Brody, G. H., Kim, S., Barton, A. W., & Philibert R. A. (2016). Parenting, Socioeconomic status risk, and later young adult health: Exploration of opposing indirect effects via DNA methylation. *Child Development*, *87*, 111-121.
- Kogan, S., **Lei, M-K.**, Brody, G. H., Futris, T. G., Sperr, M., & Anderson, T. (2016). Implementing family-centered prevention in rural African American communities: A randomized effectiveness trial of the Strong African American Families program. *Prevention Science*, *17*, 248-258.
- Simons, R. L., **Lei, M-K.**, Beach, S. H. R., Philibert, R. A., Cutrona, C. E., Gibbons, F. X., & Barr, A.

- (2016). Economic hardship and biological weathering: The epigenetics of aging in a U.S. sample of black women. *Social Science & Medicine*, *150*, 192-200.
- Windle, M., Kogan, S. M., Lee, S., Chen, Y. F., **Lei, M-K.**, Brody, G. H., ... Yu, T. (2016). Neighborhood× Serotonin Transporter Linked Polymorphic Region (5-*HTTLPR*) interactions for substance use from ages 10 to 24 years using a harmonized data set of African American children. *Development and Psychopathology*, *28*, 415-431.
- Lee, S., **Lei, M-K.**, & Brody, G. H. (2015). Constructing confidence intervals for effect size measures of indirect effect. *Multivariate Behavioral Research*, *50*, 600-613.
- Lei, M-K.**, Beach, S. H. R., Simons, R. L., & Philibert, R. A. (2015). Neighborhood crime and depressive symptoms among African American women: Genetic moderation and epigenetic mediation of effects. *Social Science & Medicine*, *146*, 120-128. (Selected as one of the Most Impactful Articles in Social Science & Medicine 2016)
- Beach, S. R. H., Dogan, M. V., **Lei, M-K.**, Cutrona, C. E., Gerrard, M., Gibbons, F. X., ... Philibert, R. A. (2015). Methyloic aging as a window onto the influence of lifestyle: Tobacco and alcohol use alter the rate of biological aging. *Journal of the American Geriatrics Society*, *63*, 2447-2654.
- Bunch, J., Clay-Warner, J., & **Lei, M-K.** (2015). Demographic characteristics and victimization risk: Testing the mediating effects of routine activities. *Crime and Delinquency*, *61*, 1181-1205.
- Chen, E., Miller, G. E., Brody, G. H., & **Lei, M-K.** (2015). Neighborhood poverty, college attendance, and diverging profiles of substance use and allostatic load in rural African American youth. *Clinical Psychological Science*, *3*, 675-685
- Beach, S. R., **Lei, M. K.**, Brody, G. H., Dogan, M. V., & Philibert, R. A. (2015). Higher levels of protective parenting are associated with better young adult health: Exploration of mediation through epigenetic influences on pro-inflammatory processes. *Frontiers in Psychology*, *6*, 676. Retrieved from <http://dx.doi.org/10.3389/fpsyg.2015.00676>
- Lee, S., **Lei, M-K.**, & Brody, G. H. (2015). Confidence intervals for distinguishing ordinal and disordinal interactions in multiple regression. *Psychological Methods*, *20*, 245-258.
- Beach, S. R., **Lei, M. K.**, Brody, G. H., Yu, T., & Philibert, R. A. (2014). Nonsupportive parenting affects telomere length in young adulthood among African Americans: Mediation through substance use. *Journal of Family Psychology*, *28*, 967-972.
- Simons, R. L., Burt, C. H., Barr, A. B., **Lei, M-K.**, & Stewart, E. (2014). Incorporating routine activities, activity spaces, and situational definitions into the social schematic theory of crime. *Criminology*, *52*, 655-687.
- Lei, M-K.**, Simons, R. L., Edmond, M. B., Simons, L. G., & Cutrona, C. E. (2014). The effect of

neighborhood disadvantage, social ties, and genetic variation on the antisocial behavior of African American women: A multilevel analysis. *Development and Psychopathology*, 26, 1113-1128. (First Prize, Gene Carte Student Paper Award, American Society of Criminology; The Best Graduate Student Paper Award, Evolution, Biology & Society Section, American Sociological Association)

Brody, G. H., **Lei, M. K.**, Chen, E., & Miller, G. E. (2014). Neighborhood poverty and allostatic load in African American youth. *Pediatrics*, 134, e1362-e1368.

Beach, S. R., Barton, A. W., **Lei, M. K.**, Brody, G. H., Kogan, S. M., Hurt, T. R., ... Stanley, S. M. (2014). The Effect of Communication Change on Long-term Reductions in Child Exposure to Conflict: Impact of the Promoting Strong African American Families (ProSAAF) Program. *Family Process*, 53, 580-595.

Brody, G. H., **Lei, M. K.**, Chae, D. H., Yu, T., Kogan, S. M., & Beach, S. R. (2014). Perceived discrimination among African American adolescents and allostatic load: A longitudinal analysis with buffering effects. *Child Development*, 85, 989-1002.

Kogan, S. M., **Lei, M. K.**, Beach, S. R., Brody, G. H., Windle, M., Lee, S., ... Chen, Y. F. (2014). Dopamine Receptor Gene D4 Polymorphisms and Early Sexual Onset: Gender and Environmental Moderation in a Sample of African-American Youth. *Journal of Adolescent Health*, 55, 235-240.

Edmond, M. B., Granberg, E., Simons, R., & **Lei, M. K.** (2014). Distressing relationships, anger, and stress amplification in a sample of young adult African Americans. *Journal of Adult Development*, 21, 13-29.

**Lei, M. K.**, Simons, R. L., Simons, L. G., & Edmond, M. B. (2014). Gender equality and violent behavior: How neighborhood gender equality influences the gender gap in violence. *Violence and Victims*, 29, 89-108.

Beach, S. R., Brody, G. H., **Lei, M. K.**, Kim, S., Cui, J., & Philibert, R. A. (2014). Is serotonin transporter genotype associated with epigenetic susceptibility or vulnerability? Examination of the impact of socioeconomic status risk on African American youth. *Development and Psychopathology*, 26, 289-304.

Philibert, R. A., Beach, S. R. H., **Lei, M. K.**, & Brody, G. H. (2013). Changes in DNA methylation at the aryl hydrocarbon receptor repressor may be a new biomarker for smoking. *Clinical Epigenetics*, 5, 19. Retrieved from <http://www.clinicalepigeneticsjournal.com/content/5/1/19>

Kogan, S. M., Cho, J., Allen, K. R., **Lei, M-K.**, Beach, S. R. H., Gibbons, F. X., ... Brody, G. H. (2013). Avoiding adolescent pregnancy: A longitudinal analysis of African-American youth. *Journal of Adolescent Health*, 53, 14-20.

Simons, R. L., Simons, L. G., **Lei, M-K.**, Beach, S. R. H., Brody, G. H., Gibbons, F. X., & Philibert, R. A. (2013). Genetic moderation of the impact of parenting on hostility toward romantic partners. *Journal of Marriage and Family*, 75, 325-341.

Kogan, S. M., **Lei, M. K.**, Grange, C. R., Simons, R. L., Brody, G. H., Gibbons, F. X., & Chen, Y. F. (2013).

The contribution of community and family contexts to African American young adults' romantic relationship health: A prospective analysis. *Journal of Youth and Adolescence*, 42, 878-890.

Beach, S. R. H., Brody, G. H., **Lei, M-K.**, Gibbons, F. X., Gerrard, M., Simons, R. L., ... Philibert, R. A. (2013). Impact of child sex abuse on adult psychopathology: A genetically and epigenetically informed investigation. *Journal of Family Psychology*, 27, 3-11.

Granberg, E. M., Edmond, M. B., Simons, R. L., Gibbons, F. X., & **Lei, M-K.** (2012). The association between racial socialization and depression: Testing direct and buffering associations in a longitudinal cohort of African Americans young adults. *Society and Mental Health*, 2, 207-225.

Simons, L. G., Simons, R. L., **Lei, M-K.**, & Sutton, T. (2012). Exposure to harsh parenting and X-rated material as explanations for males' sexual coercion and females' sexual victimization. *Violence and Victims*, 27, 378-395.

Simons, L., G., Simons, R. L., **Lei, M-K.**, Hancock, D. L., & Fincham, F. D. (2012). Parental warmth amplifies the negative effect of parental hostility on dating violence. *Journal of Interpersonal Violence*, 27, 2603-2626.

Simons, R. L., Simons, L. G., **Lei, M-K.**, & Landor, A. (2012). Relational schemas, hostile romantic relationships, and beliefs about marriage among African American adults: Test of a developmental model. *Journal of Social and Personal Relationships*, 29, 77-101.

**Lei, M-K.** (2012). Friends and delinquency: Is deviant peers influence real? *Survey Research – Method and Application (調查研究 – 方法與應用, TSSCI)*, 28, 119-160.

Simons, R. L., **Lei, M-K.**, Stewart, E. A., Beach, S. R. H., Brody, G. H., Philibert, R. A., & Gibbons, F. X. (2012). Social adversity, genetic variation, street code, and aggression: A genetically informed model of violent behavior. *Youth Violence and Juvenile Justice*, 10, 3-24.

Simons, R. L., **Lei, M-K.**, Beach, S. R. H., Brody, G. H., Philibert, R. A., & Gibbons, F. X. (2011). Social environmental variation, plasticity genes, and aggression: Evidence for the differential susceptibility hypothesis. *American Sociological Review*, 76, 883-912. (*Outstanding Article Award*, American Society of Criminology)

Beach, S. R. H., **Lei, M-K.**, Brody, G. H., Simons, R. L., Cutrona, C., & Philibert, R. A. (2012). Genetic moderation of contextual effects on negative arousal and parenting in African-American parents. *Journal of Family Psychology*, 26, 46-55.

Beach, S. R. H., Brody, G. H., **Lei, M-K.**, & Philibert, R. A. (2010). Differential susceptibility to parenting among African American youths: Testing the DRD4 hypothesis. *Journal of Family Psychology*, 24, 513-521.

- Kogan, S. M., Beach, S. R. H., Philibert, R. A., Brody, G. H., Chen, Y-F., & **Lei, M-K.** (2010). 5-HTTLPR status moderates the effect of early adolescent substance use on risky sexual behavior. *Health Psychology, 29*, 471-476.
- Yang, H-H., Wu, C-I., **Lei, M-K.**, & Yang, H-J. (2009). How many are good enough for the adolescent social network nomination. *WSEAS Transactions on Mathematics, 7*, 299-308.
- Beach, S. R. H., Brody, G. H., Kogan, S. M., Philibert, R. A., Chen, Y-F., & **Lei, M-K.** (2009). Change in caregiver depression in response to parent training: Moderation of intervention effects. *Journal of Family Psychology, 23*, 112-117.
- Brody, G. H., Beach, S. R. H., Philibert, R. A., Chen, Y-F., **Lei, M-K.**, Murry, V. M., & Brown, A. C. (2009). Parenting moderates a genetic vulnerability factors in longitudinal increases in youths' substance use. *Journal of Consulting and Clinical Psychology, 77*, 1-11.
- Beach, S. R. H., Kogan, S. M., Brody, G. H., Chen, Y-F., **Lei, M-K.**, & Murry, V. M. (2008). Change in caregiver depression as a function of the Strong African American Families Program. *Journal of Family Psychology, 22*, 241-252.
- Hsieh, Y-S., Wu, C-I., & **Lei, M-K.** (2006). Friendship network characteristics, interaction context structure, and friendship dynamics among adolescents (青少年網絡特性、互動結構和友誼動態). *Taiwanese Sociology (台灣社會學, TSSCI), 11*, 175-236.
- Lei, M-K.**, & Wu, C-I. (2004). Bad parents, bad kids? The linkages of adolescent violent behaviors (棒打出壞子?: 青少年暴力行為的連結機制). *Taiwanese Sociology (台灣社會學, TSSCI), 7*, 1-46.
- Wu, C-I., & **Lei, M-K.** (2003). The co-occurrence mechanism of depressive symptoms and delinquency in adolescent (青少年憂鬱症狀與偏差行為: 併發之關係機制). *Taiwanese Sociology (台灣社會學, TSSCI), 6*, 116-172.

### **BOOK CHAPTERS**

- Wu, C-I., & **Lei, M-K.** (2013). Deviant peers and delinquency: The influence of classroom context. In C-C. Yi (Ed.), *The psychological well-being of east Asian youth: From early adolescence to young adulthood* (pp. 91-107). New York, NY: Springer.
- Simons, R. L., & **Lei, M-K.** (2013). Enhanced susceptibility to context: A promising perspective on the interplay of genes and the social environment. In C. L. Gibson & M. Krohn (Eds.), *Handbook of life-course criminology* (pp. 57-67). New York, NY: Springer.
- Simons, R. L., **Lei, M-K.**, Stewart, E. A., Brody, G. H., Beach, R. H., ... Gerrard, M. (2013). Differential sensitivity to context: GABRG1 enhances the acquisition of prototypes that serve as intermediate phenotypes for substance use. In J. MacKillop & M. R. Munafò (Eds.), *Genetic influences in addiction:*

*An intermediate phenotype approach* (pp. 303-326). Cambridge, MA: MIT press.

### **SHORT ARTICLES**

**Lei, M-K.** (2014). Biosociology: Challenge and opportunity for sociologists (社會學的社會生物學—社會學家的挑戰與機遇). *Newsletter of the Taiwanese Sociological Association (臺灣社會學會通訊)*, 80, 4-9.

### **INVITED PRESENTATIONS AND WORKSHOPS**

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**Lei, M-K.** (2016, July 20-26). Invited lecture, Workshop on quantitative methods and sociological research: multilevel modeling (45 academics). Academia Sinica, Taipei, Taiwan. Workshop materials available at: <http://www.ios.sinica.edu.tw/QMworkshop/1.html>

### **SELECTED RESEARCH PRESENTATIONS**

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Simons, R. L., & **Lei, M-K.** (2017, August). Discrimination, segregation, and chronic inflammation: Linking “weathering” to the poor health of Black Americans. Paper presented at the annual meeting of the American Sociological Association, Montreal, Canada.

**Lei, M-K.** & Simons, R. L. (2016, November). Leaving home and binge drinking: An application of marginal structural modeling. Paper presented at the annual meeting of the American Society of Criminology, New Orleans, LA.

Burt, C. H., & **Lei, M-K.** (2016, August). Interpersonal racial discrimination and crime over the life-course: A micro-sociological model of cumulative disadvantages. Paper presented at the annual meeting of the American Sociological Association, Seattle, WA.

Simons, R. L., **Lei, M-K.**, & Simons, L. (2016, August). Economic hardship and biological wreathing: The epigenetics of aging in a sample of Black women. Paper presented at the annual meeting of the American Sociological Association, Seattle, WA.

Simons, R. L., Simons, L., & **Lei, M-K.** (2015, July). Biosocial mechanisms linking neighborhood disorder and depressed mood. Paper presented at the annual meeting of the International Society for Research on Emotions, Geneva, Switzerland.

**Lei, M-K.** Racial discrimination, racial socialization, gender, and crime: A life-course approach. (2015, February). Paper presented at the annual meeting of the Western Society of Criminology, Phoenix, AZ.

**Lei, M-K.**, & Simons, R. L. (2014, November). Effects of neighborhood disorder on epigenetic change and depression among African American women. Paper presented at the annual meeting of the American



Society of Criminology, San Francisco, CA.

Simons, R. L., & **Lei, M-K.** (2014, November). The effect of childhood adversity and adult stress on epigenetic processes and adoption of a hostile, distrusting view of others. Paper presented at the annual meeting of the American Society of Criminology, San Francisco, CA.

**Lei, M-K.**, & Simons, R. L. (2014, August). Neighborhood disorder, physiological distress, and health: The stress process model. Paper presented at the annual meeting of the American Sociological Association, San Francisco, CA.

**Lei, M-K.**, & Simons, R. L. (2013, November). The dynamics of street code: Examining the code-switching hypothesis. Paper presented at the annual meeting of the American Society of Criminology, Atlanta, GA.

Burt, C., & **Lei, M-K.** (2013, November). Impulsivity and sensation seeking over time: Exploring a dual systems model of offending. Paper presented at the annual meeting of the American Society of Criminology, Atlanta, GA.

Simons, R. L., Barr, A. B., & **Lei, M-K.** (2013, August). Criminal propensity, routine activities, and activity fields: Integrating developmental and contextual models of crime. Paper presented at the annual meeting of the American Sociological Association, New York, NY.

**Lei, M-K.** (2012, November). Gender, neighborhoods, and violent behavior: A reexamination of social disorganization theory and a testing of street code. Paper presented at the annual meeting of the American Society of Criminology, Chicago, IL.

**Lei, M-K.**, & Edmond, M. B. (2012, August). Neighborhood context, genetic variations, and adult antisocial behavior. Paper presented at the annual meeting of the American Sociological Association, Denver, CO.

Simons, R. L., & **Lei, M-K.** (2011, November). Social environmental variation, plasticity genes, and antisocial behavior: Evidence for the differential susceptibility hypothesis. Paper presented at the annual meeting of the American Society of Criminology, Washington DC.

Simons, R. L., & **Lei, M-K.** (2011, August). Social environmental variation, plasticity genes, and antisocial behavior: Evidence for the differential susceptibility hypothesis. Paper presented at the annual meeting of the American Sociological Association, Las Vegas, Nevada.

Simons, R. L., & **Lei, M-K.** (2011, June). Environmental influences, GABRA2 haplotypes, cognitive prototypes, and substance use: A mediated moderation model. Paper presented at the 2nd contextual genetics and prevention science symposium, Athens, Georgia.

Wu, C-I., & **Lei, M-K.** (2005, December). Reconstruct research context for adolescent in East Asia : Rethinking the role of parenting practice and deviant peer on adolescent conduct problems embedded in classroom context. Paper presented at the 7<sup>th</sup> international conference on Asian youth issues, Macau, China.

## **TEACHING EXPERIENCE**

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### **INSTRUCTOR**

Graduate level:

SOCI 6620 “Analysis and Interpretation of Sociological Data I,” University of Georgia.

SOCI 8620 “Categorical Data Analysis,” University of Georgia.

PSYC 8000 “Advanced Topics in Psychology,” University of Georgia. (Co-instructor)

### **GUEST LECTURER**

Undergraduate level:

SOCI 3810 “Criminology,” University of Georgia. (*Spring 2012*)

### **GRADUATE TEACHING ASSISTANT**

Graduate level:

Advanced Social Statistics, Department of Sociology, National Taiwan University. (*Fall, 2001*)

Undergraduate level:

Social Research Methods, Department of Sociology, National Taiwan University. (*Fall 1999; Spring 2000*)

## **PROFESSIONAL AFFILIATIONS**

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American Sociological Association

American Society of Criminology

## **PROFESSIONAL SERVICE**

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### **National**

2017 Grant Proposal Reviewer, Social Sciences and Population Studies Section B, Center for Scientific Review, National Institutes of Health.

2015 Session Chair, “Race, Ethnicity, and Criminal Justice Processes.” The Annual Meetings of the Western Society of Criminology. Phoenix, AZ.

2014 Outstanding Article Award Committee, American Society of Criminology

2013 Session Chair, “Structural and Cultural Context and Crime.” The Annual Meetings of the American Society of Criminology. Atlanta, GA.

### **College and University**

2012 New Faculty Recruitment Committee, Department of Sociology, University of Georgia

### **Ad hoc Journal Reviewer:**

*American Sociological Review; Annals of Epidemiology; Child Development; Children and Youth Services Review; Journal of Abnormal Psychology; Journal of Clinical Child and Adolescent Psychology; Journal of Gerontology: Psychological Sciences and Social Sciences; Journal of Mental Health; Journal of Research in Crime and Delinquency; Journal of Youth and Adolescence; Justice Quarterly; Prevention Science; Social Science & Medicine; Spanish Journal of Psychology; Survey Research - Method and Application; Violence and Victims*