

CORINA GRAIF

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EDUCATION

- 2013 Robert Wood Johnson Health and Society Scholar, University of Michigan, Ann Arbor
- 2011 Ph.D. in Sociology, Harvard University
Dissertation: *Mobility in Isolation: Neighborhood Effects, Spatial Embeddedness, and Inequality in the Migration Pathways of the Urban Poor.*
Committee: Robert Sampson (chair), Mary Waters, Christopher Winship, Peter Marsden, and William Julius Wilson.
- 2007 M.A. in Sociology, Harvard University
- 2000 LL.M in International Law (Diploma de Studii Aprofundate), A. I. Cuza Univ., Romania
- 1999 J.D. (Diploma de Licenta in Stiinte Juridice), A. I. Cuza University, Romania

ACADEMIC POSITIONS

- Pennsylvania State University
- 2019 –present Associate Professor of Sociology and Criminology
- 2013 –present Research Associate, Population Research Institute
Faculty affiliate of the Justice Center for Research
- 2013-2019 Assistant Professor of Sociology and Criminology
- 2011-2013 University of Michigan, Ann Arbor
Robert Wood Johnson Foundation Health and Society Scholar
Postdoctoral Fellow Affiliate, Population Studies Center, Institute for Social Research
- Harvard University
- 2010-2011 Urban Dissertation Fellow, Taubman Center for State and Local Government
- 2009-2010 Dissertation Fellow, Center for American Political Studies
- 2008-2009 Research Fellow, Project for Justice, Welfare, and Economics, Weatherhead Center for International Affairs

AREAS OF RESEARCH AND TEACHING

Communities and Crime | Neighborhood Effects on Health | Spatial Stratification and Mobility

PUBLICATIONS (*peer reviewed*)

Notes: Lead author(s) in bold font; *co-lead author; underlined name denotes graduate student

Kelling, Claire, Corina Graif, Gizem Korkmaz, and Murali Haran. 2020. Combining Geographic and Social Proximity to Model Urban Domestic and Sexual Violence. *Journal of Quantitative Criminology*. DOI #: 10.1007/s10940-020-09454-w

Graif, Corina, Freelin, Brittany, Yu-Hsuan Kuo, Hongjian Wang, Zhenhui Li, and Daniel Kifer 2019. "Network spillovers and neighborhood crime: A computational statistics analysis of employment-based networks of neighborhoods" *Justice Quarterly*: 1-31 DOI #: 10.1080/07418825.2019.1602160

Wang, Hongjian, Huaxiu Yao, Daniel Kifer, Corina Graif, and Zhenhui Li. 2019. "Non-Stationary Model for Crime Rate Inference Using Modern Urban Data." *IEEE Transactions on Big Data*. 5(2):180-194.

Graif, Corina. 2018. "Neighborhood Diversity and the Rise of Artist Hotspots: Exploring the Creative Class Thesis through a Neighborhood Change Lens." *City & Community* 17(3): 754-787.

Graif, Corina, Alina Lungenu, Alyssa Yetter. 2017. "Neighborhood isolation in Chicago: Violent crime effects on structural isolation and homophily in inter-neighborhood commuting networks, 2002-2013" *Social Networks*. 51:40-59.

Graif, Corina and Stephen Matthews. 2017. "The Long Arm of Poverty: The Extended and Relational Geography of Neighborhood Effects on Child Victimization" *Justice Quarterly*. 34(6):1096-1125

Graif, Corina, Mariana Arcaya, and Ana Diez Roux. 2016. "Moving to Opportunity and Mental Health: Exploring the Spatial Context of Neighborhood Health Effects" *Social Science and Medicine* 162:50-58.

Arcaya, Mariana, Corina Graif*, Mary Waters, and S.V. Subramanian. 2016. "Health Selection into Neighborhoods among Moving to Opportunity Families." *American Journal of Epidemiology*. 183(2):130-7

- Highlighted in the *Massachusetts Institute of Technology (MIT) News*

Wang, Hongjian, Zhenhui Li, Daniel Kifer, and Corina Graif. 2016. "Crime Rate Inference with Big Data." 2016. *Proceedings of 2016 ACM SIGKDD Intl. Conf. on Knowledge Discovery and Data Mining*. Aug.

-Highlighted in PSU news

Graif, Corina. 2016. "(Un)natural Disaster: Vulnerability, Long-Distance Displacement, and the Extended Geography of Neighborhood Distress and Attainment after Katrina" *Population and Environment*. 37(3): 288-318.

- Highlighted in the *New Yorker* by Malcolm Gladwell, in *Bloomberg News* by Mark Whitehouse, and in the *PSU PRI News*, and in *Forced Change*, a documentary by Rennik Sohlt

Graif, Corina. 2015 "Delinquency and Gender Moderation in the Moving to Opportunity Intervention: The Role of Extended Neighborhoods." *Criminology*. 53(3): 366–398.

- Highlighted in the *Atlantic's City Lab* and in the *Marshall Project*
- Received the *Roy Buck Award* for the best article published by a refereed scholarly journal in the social sciences within the last year, College of the Liberal Arts, Penn State

Graif, Corina, Andrew S. Gladfelter, and Stephen A. Matthews. 2014. "Urban Poverty and Neighborhood Effects on Crime: Incorporating Spatial and Network Perspectives". *Sociology Compass* 8: 1140–1155.

- Highlighted in *Next City*

Tran, Van C, Corina Graif, **Alison D. Jones,** Mario L. Small, and Christopher Winship. 2013. "Participation in Context: Neighborhood Diversity and Organizational Involvement in Boston." *City and Community*. 12(3): 187-210.

Graif, Corina, and Robert J. Sampson. 2009. "Spatial Heterogeneity in the Effects of Immigration and Diversity on Neighborhood Homicide Rates." *Homicide Studies*. 13(3): 242-260.

- Featured in *Contexts Discoveries: New and Noteworthy Social Research* in a May 19, 2010 article, "Safety in the Melting Pot" by Sarah Shannon.

Sampson, Robert J., and Corina Graif. 2009. "Neighborhood Social Capital as Differential Social Organization: Resident and Leadership Dimensions." *American Behavioral Scientist*. 52(11):1579-1605.

- Reprinted in: *Social, Ecological and Environmental Theories of Crime*. 2011. Edited by Jeffery T. Walker. Ashgate.

- Reviewed by Chris Walker in the *Journal of the Institute for Comprehensive Community Development*, December 2010.

Sampson, Robert J., and Corina Graif. 2009. "Neighborhood Networks and Processes of Trust." Pp. 182-216 in *Whom Can We Trust? How Groups, Networks, and Institutions Make Trust Possible* edited by Karen Cook, Russell Hardin, and Margaret Levi. New York: Russell Sage Foundation (*peer reviewed*).

Lucas, Jeffrey W., Corina Graif, and Michael J. Lovaglia. 2006. "Misconduct in the Prosecution of Severe Crimes: Theory and Experimental Test." *Social Psychology Quarterly*, 69(1):97-107.

- Reprinted in *The Process of Social Research*. 2015. by Jeffrey C. Dixon, Royce Singleton, and Bruce Straits. Oxford University Press.

Tausig, Mark, Rudy Fenwick, Steven L. Sauter, Lawrence Murphy, and Corina Graif. 2004. "The Changing Nature of Job Stress: Risk and Resources." *Research in Occupational Stress and Well Being* 4:93-126.

OTHER PUBLICATIONS

Graif, Corina, 2019. "Democratizing urban development. Community organizations for housing across the United States and Brazil, by Maureen M. Donaghy" Invited Review. *American Journal of Sociology* 125(1): 280-282.

Alyssa Howard-Tripp, Corina Graif, and **Sarah Fry.** 2017. "Public Housing". Invited chapter in *The American Middle Class: An Economic Encyclopedia of Progress and Poverty* edited by Robert Rycroft. Greenwood: Santa Barbara, CA.

Graif, Corina. 2012. "Getting Ahead: Social Mobility, Public Housing, and Immigrant Networks. By Silvia Dominguez." Invited Review. *American Journal of Sociology.* 117(4): 1253-1255.

Lucas, Jeffrey W., Corina Graif, and Michael J. Lovaglia. 2007. "Prosecutorial Misconduct in Serious Cases: Theory and Design of a Laboratory Experiment." Pp. 119-136 in *Experiments in Criminology and Law. A Research Revolution,* edited by Christine Horne and Michael J. Lovaglia. Lanham, MD: Rowman and Littlefield.

UNDER REVIEW / REVISE AND RESUBMIT

Wu, Ann C., Corina Graif, Mitchell, S. G., and Newman, T. Creative Approaches for Assessing Long Term Outcomes: Using Longitudinal and Linked Data Systems to Evaluate Screening in Community and Clinical Settings. *Pediatrics.*

Brown, Mary J., Corina Graif, and Wright, R. Benefits and Harms of Childhood Health Screening: The Case of Childhood Blood Lead Screening. *Pediatrics.*

Meurer, John, Corina Graif, and Fontana, M. The Ecology of Children's Health and Development. *Pediatrics.*

MANUSCRIPTS IN PROGRESS

Graif, Corina, **Christopher H. Seto,** and Vasant G. Honavar. "Network Contagion and Child Overdose across U.S. Communities: Exploring Racial and Ethnic Disparities." In preparation for *American Sociological Review.*

Graif, Corina, **Megan Evans,** and Stephen A. Matthews. " Infant Health Selection Effects on Workplace Connections: A Longitudinal Network Analysis of Neighborhoods Over 14 Years". In preparation for *Plos One.*

Kamada, Takuma and Corina Graif. "The Long-Term Consequences of the Crack Epidemic on Residential Segregation in Metropolitan Cities and Suburbs." In preparation for *American Journal of Sociology*.

Corina Graif, Rebecca Bucci, and Yetter, Alyssa. "Parental Immigration, Legal Status, and Children's Risky and Delinquent Behaviors". In preparation for *Criminology*.

Kelling, Claire, Murali Haran, Slavkovic, Aleksandra, and Corina Graif. "Spatial Misalignment with an Application to Police Use of Force."

Graif, Corina and **Rebecca Bucci**. "Connected Communities: Examining the Spatial Network Mechanisms of Safety".

Corina Graif and **Christopher Seto**. "Spatial and Network Disparities in Children's Health: Effects of the Opioid Epidemic and Deaths of Despair".

Newmayer, Lauren, Megan Evans, and Corina Graif. "Crossing Residential Boundaries: Sexually Transmitted Infections and Commuting Ties."

Freelin, Brittany and Corina Graif, "A Place-Based Intervention: The Effect of College Promise Programs on Crime Rates."

Graif, Corina and **Takuma Kamada**. "Isolating communities: Understanding the links between mass incarceration, inter-neighborhood mobility, and job accessibility".

Graif, Corina. "Communities and Crime: Combining Big Data with Natural Experiments to Advance Theory on Mechanisms".

Graif, Corina, and **Christopher Palmore**. "The Strain of Victimization: The Effect of Victimization on Delinquency, Externalizing Behaviors, and Internalizing Behaviors by Neighborhood Disadvantage."

GRANTS (AWARDED)

- 2017-2022 *National Institute of Health - NICHD, Population Dynamics Branch - K01 Award*. Big Data and Network Analysis of Children's Health. (\$689,000). Role: PI.
- 2017- 2018 Institute of CyberScience Grant (\$25,000). Role: PI.
- 2016-2017 *National Science Foundation*, Research Experience for Undergraduates (REU) (\$16,000). (PI: Li) Role: Co-PI.
- 2015-2018 *National Science Foundation* "EAGER: Toward Transparency in Public Policy via Privacy-Enhanced Social Flow Analysis with Applications to Ecological Networks and Crime" (\$260,991). (PI: Li) Role: Co-PI.

- 2015-2016 *College of the Liberal Arts, Penn State, Course Release Initiative, Racial and Ethnic Differences in Spatial Mobility and Exposures to Non-Residential Neighborhoods: Effects on Youth Offending and Victimization (Role: PI)*
- 2015 *Population Research Institute, Penn State, (\$17,000), Research Grant, Title: "Space, Networks, and Neighborhoods: How Routine Activity Contexts Affect Urban Inequalities in Youth Victimization, Health Risk Behavior, and Violence"*
- 2014 *Social Science Research Institute, Penn State, (\$10,000), Research Grant, Title: "A Longitudinal Exploration of the Role of Neighborhoods and Inter-Neighborhood Connectivity on Teenage Pregnancy and Violence"*
- 2012-2013 *Robert Wood Johnson Foundation Health and Society Scholars Program, Research Seed Grant (\$15,000) for project on "Housing, Jobs, and Health."*
- 2010-2011 *U.S. Department of Housing and Urban Development (HUD) Doctoral Dissertation Research Grant (\$25,000).*
- 2008 *Harvard Real Estate Academic Initiative Research Grant (\$9,000).*
- 2008 *Urban Policy and Governance Summer Award at the A. Alfred Taubman Center for State and Local Government, John F. Kennedy School of Government, Harvard University (\$2,500).*
- 2008 *Hauser Center Research Grant for "The Role of Nonprofits in the Lives of Urban Dwellers: A Qualitative Exploration" (with Van Tran), Hauser Center for Nonprofit Organizations, John F. Kennedy School of Government, Harvard University (\$3,000).*

AWARDS AND FELLOWSHIPS

- 2019 *Robert J. Bursik Junior Scholar Award from the American Society of Criminology, Division on Communities and Place*
- 2016-2017 *Faculty Fellow, Social Science Research Institute, Penn State University*
- 2016 *Roy Buck Award for the best article published by a refereed scholarly journal in the social sciences within the last year, College of the Liberal Arts, Penn State*
- 2016 *Excellence in Teaching Award, the National Society of Leadership and Success, the Pennsylvania State University Chapter*
- 2012 *American Sociological Association's Children and Youth Section Graduate Student Paper Award, Runner-up. Committee chair: Robert Crosnoe.*
- 2011-2013 *Robert Wood Johnson Foundation Health and Society Scholar, University of Michigan, Ann Arbor*
- 2010-2011 *Taubman Center Urban Dissertation Fellowship, from the Alfred Taubman Center for State and Local Government, John F. Kennedy School of Government.*

- 2010 *American Sociological Association's Student Paper Award* (honorable mention) from the Community and Urban Sociology Section. Committee: Marlese Durr (Chair), Shelley Kimelberg, and Ryan Centner.
- 2010 *Institute for Quantitative Social Sciences Travel Award*, Harvard University
- 2010 *Center for American Political Studies Summer Award*.
- 2009-2010 *Center for American Political Studies Dissertation Fellowship*, Harvard University
- 2009-2010 *GSAS Eliot Fellowship*, Harvard University.
- 2009 Travel award for presentation at *Capturing Context: Bridging Spatial and Network Analyses Conference*, Columbia University, New York City, June 12 – 13, organized by Gina Lovasi, jimi adams, and Peter Bearman. Sponsored by the Robert Wood Johnson's Health and Society Scholars Program.
- 2009 *Project for Justice, Welfare, and Economics Summer Grant*, at the Weatherhead Center for International Affairs.
- 2008-2009 *Project for Justice, Welfare, and Economics Dissertation Research Fellowship* at the Weatherhead Center for International Affairs
- 2007 *Howard T. Fisher Prize for Excellence in Geographic Information Science (GIS)* from Harvard University (2007) for the Master's Thesis on "Neighborhood Diversity and Creative Class in Chicago"
- 2007 Travel Award to the Immigration Workshop in Manchester UK, from the Center for European Studies, Harvard University
- 2005 Certificate in GIS and Population Science and Travel Award, from the Population Research, Institute and Center for Spatially Integrated Social Sciences, University of California Santa Barbara, CA.
- 2004, 2005 Summer Research Award, Department of Sociology, Harvard University.
- 2003-2005 Graduate Fellowship, Department of Sociology, Harvard University

TEACHING EXPERIENCE

Pennsylvania State University

- 2020 Communities and Crime 459
- 2019 Communities and Crime 559
- 2018 Neighborhoods and Crime, Soc / Crim 497
- 2017 Communities and Crime, Crim 597a
- 2016 Communities and Crime, Soc497e/Crim 497a
- 2015 Introduction to Criminology (Honors) Soc / Crim 012H
- 2015 Communities and Crime, CLJ 597A
- 2014 Introduction to Criminology (Honors) Soc / Crim 012H
- 2014 Violent Crime, Crim 421
- 2013 Communities and Crime, Soc/Crim 497a

- 2016-2017 NSF-REU Research Experience for Undergraduates, Sponsor of Rachelle Schneider
- 2019 Demography 590: Big data and network analyses of child health
- 2018, 2019 Crim/Soc 500: How is an article structured? Guest lecture
- 2018 Demography 590: Innovative methods. Guest lecture
- 2017 Paterno Fellows: Lunch with Honors Speaker Series
- 2017 Crim/Soc 500: The structure of an academic article. Guest lecture
- 2016 Crim/Soc 500: The craft of research: Writing for publication. Guest lecture
- 2015 Demography 590: The interface between criminology and demography. Guest lecture
- 2015 Crim/Soc 500, Data sources and management. Guest lecture
- 2014 Crim/Soc 500 (Intro to Graduate Studies), Presenting, attending, and making the best of academic conferences. Guest lecture

University of Michigan

- 2012-13 UROP Sponsor of Research Projects, Daniel Vollrath and Eric Needs, Undergraduate Research Opportunity Program, University of Michigan
- 2012 Applications of GIS and Spatial Analyses in Urban Sociology, Invited Lecture, (MA level) A. Alfred Taubman College of Architecture and Urban Planning, University of Michigan, Winter.
- 2012 UROP Sponsor of Research Project, Daniel Elkus, Undergraduate Research Opportunity Program, University of Michigan, Winter-Spring.
- 2011 Introduction to GIS and Spatial Analyses in Social Sciences, Invited Lecture, Undergraduate Research Opportunity Program, University of Michigan, Fall.
- 2011 Immigration and Social Inequality, Invited Lecture for Soc 102 Undergraduate Lecture Course on *Contemporary Social Issues: An Introduction to Sociology through Social Stratification*, Department of Sociology, University of Michigan.

Harvard University

- 2006 Introduction to the Sociology of Organizations, Teaching Assistant, Department of Sociology, Harvard University.
- 2006 Crime, Justice, and the American Legal System, Teaching Assistant, Department of Sociology, Harvard University.
- 2005 Advanced Quantitative Research Methods (Graduate level), Teaching Assistant, Department of Sociology, Harvard University.

OTHER PROFESSIONAL TRAINING

- 2019 NIH Grant Applications Workshop -- Population Research Institute, Penn State University and NICHD

- 2018 Informatics for Integrating Biology and the Bedside -- i2b2 training -- -- NIH-funded National Center for Biomedical Computing based at Partners HealthCare System -- Penn State University's Clinical and Translational Science Institute
- 2018 Institute for CyberScience – Advanced CyberInfrastructure (ACI) training in using the high performance research cloud.
- 2017 Compass – Penn State’ Institutes of Energy and the Environment – Science Communication Training
- 2016 "Leadership Development Workshop," The New York Academy of Medicine (NYAM), Robert Wood Johnson Foundation, Health and Society Scholars Alumni Meeting. New York, NY, USA. (June 15- June 18).
- 2014 "NIH Training and Career Development Awards Workshop," The SIRO Grants Development Team, Pennsylvania State University and NCURA. University Park, PA, United States. (April 7).
- 2014 "The Grant-Writing & Review Process at NSF," Robert O'Connor, Director; Program in Decision, Risk and Management Sciences; Division of Social and Economic Sciences; Directorate for Social, Behavioral, and Economic Sciences; National Science Foundation, SSRI. University Park, PA, United States. (March 31).
- 2013 "NIH Grant-Writing & Review Process," Susan McHale, Professor of Human Development and Director, SSRI and Douglas M. Teti Professor of Human Development, Psychology, and Pediatrics, SSRI. State College, PA. (December 16).
- 2012 Grant Writing Workshop, University of Michigan
- 2012 Course on Online Teaching, University of Michigan, School of Public Health
- 2012 Responsible Conduct of Research Training, University of Michigan School of Public Health.
- 2010 Atlas-Ti Training at the Institute for Quantitative Social Sciences, one day workshop.
- 2008 Advanced Spatial Analysis Training Program, GIS and Population Science. Geographically Weighted Regression, Pennsylvania State University, organized by Stephen Mathews, June; one-week workshop.
- 2008 Networks in Political Science Workshop, Harvard University, organized by Gary King and others, June; five-day workshop and conference.
- 2007 Immigration and Social Change in Britain and the U.S., Workshop, Manchester UK, June-July, organized by Mary Waters, Robert Sampson, and Robert Putnam; two-week workshop.
- 2005 GIS and Population Science Workshop, Population Research, Institute and Center for Spatially Integrated Social Sciences, University of California Santa Barbara 2005 June - July, Santa Barbara, CA; organized by Michael Goodchild; two-week workshop.

RESEARCH PRESENTATIONS

- 2020 Graif, Corina, Christopher H. Seto, and Vassant G. Honavar. "Network Contagion and Child Overdose across U.S. Communities: Exploring Racial and Ethnic Disparities." *American Sociological Association* (accepted)
- 2020 Graif, Corina, Megan Evans, and Stephen A. Matthews. "Infant Health Selection Effects on Workplace Connections: A Longitudinal Network Analysis of Neighborhoods Over 14 Years". *American Sociological Association* (accepted)
- 2020 Newmayer, Lauren, Megan Evans, and Corina Graif. "Crossing Residential Boundaries: Sexually Transmitted Infections and Commuting Ties." *Sunbelt - INSNA*, Paris (accepted)
- 2020 Freelin, Brittany and Corina Graif, "A Place-Based Intervention: The Effect of College Promise Programs on Crime Rates." *American Society of Criminology Annual Meeting*
- 2020 Graif, Corina and Takuma Kamada. "Isolating communities: Understanding the links between mass incarceration, inter-neighborhood mobility, and job accessibility". *American Society of Criminology Annual Meeting*.
- 2020 Kelling, Claire, Murali Haran, Slavkovic, Aleksandra, and Corina Graif. "Spatial Misalignment with an Application to Police Use of Force." *Women in Statistics and Data Science* (submitted)
- 2020 Graif, Corina, Megan Evans, and Stephen A. Matthews. " Infant Health Selection Effects on Inter-neighborhood Commuting" *Population Association of America*
- 2019 Graif, Corina and Takuma Kamada. "Large Scale Networks and Natural Experiments: The Effect of Ban the Box on Neighborhood Isolation and Violence Exposures". *American Society of Criminology Annual Meeting* , San Francisco.
- 2019 Corina Graif, Megan Evans, and Stephen A. Matthews. "Spatial Network Effects on Maternal and Child Health: New Insights from Linking Longitudinal Employer-Household Dynamics (LEHD / LODES) Data with Vital Record Statistics" . Census Bureau LED-Annual Workshop.
- 2019 Corina Graif, Kelling, Claire, Gizem Korkmaz, and Murali Haran. "Combining Geographic and Social Proximity to Model Urban Domestic and Sexual Violence". *American Sociological Association Conference NY* .
- 2019 Graif, Corina. "The Community Context of Screening and Childhood Health: Longitudinal and Linked Data Systems". Methods for Assessing The Impact of Screening in Childhood on Health outcomes Workshop – *National Institutes of Health, NICHD*, Bethesda, MD, May 9-10
- 2019 Graif, Corina, Freelin, B., Kuo, Yu-Hsuan Wang, H., Li, Z., & Kifer, D. "Spatial Network Effects on Neighborhood Violence and Overall Crime: A Computational

Statistics Analysis of Employment-Based Econetworks” *Population Association of America*

- 2019 Graif, Corina. “Combining Big Data with Natural Experiments to Advance Theory on Mechanisms”. SODA IGERT
- 2018 Graif, Corina and Rebecca Bucci. “Connected Communities: Examining the Spatial Network Mechanisms of Safety”. Invited session by John Hipp and Charis Kubrin. *American Society of Criminology*. Nov.
- 2018 Graif, Corina. “Big data and neighborhood effects”. Invited Panel (Organizer and Speaker). *American Sociological Association*. Aug. Philadelphia
- 2018 Graif, Corina, Freelin, B., Kuo, Yu-Hsuan Wang, H., Li, Z., & Kifer, D “The interlocking ecology of disadvantage and neighborhood crime: A computational statistics analysis of employment-based econetworks” *American Sociological Association*., Philadelphia
2018. Kelling, Claire, Gizem Korkmaz, Corina Graif, Murali Haran. “Combining Geographic and Social Proximity to Model Urban Domestic and Sexual Violence”. *Women in Statistics and Data Science Conference* in Cincinnati, Ohio, October 18–20.
- 2018 Graif, Corina. “Big data and large scale networks for communities, health, and crime research: Challenges and opportunities” *Artificial Intelligence Lab*. Penn State University.
- 2018 Graif, Corina. “Big data and Twitter”. Penn State. *Twitter symposium*. Penn State University, SSRI .
2018. Freelin, Brittany and Corina Graif, “College Opportunity and Crime: The Effect of College Promise Programs on Community Crime.” Presentation at Penn State University – SODA Program NSF-IGERT.
- 2017 Graif, Corina, Freelin, B., Kuo, Yu-Hsuan Wang, H., Li, Z., & Kifer, D “The interlocking ecology of disadvantage”. *American Society of Criminology*, Philadelphia.
- 2017 Graif, Corina, Alina Lungenu, and Alyssa Yetter . 2017. “Neighborhood isolation in a Rust Belt city: Violent crime effects on structural isolation and homophily in inter-neighborhood commuting networks” *Population Association of America*.
- 2016 Graif, Corina. “The Spatial Network Context of Victimization and Risk Exposures”, Thematic Panel on Neighborhoods and Violent Victimization, *American Society of Criminology Annual Meeting*, New Orleans, LA.
- 2016 Howard-Tripp, Alyssa and Corina Graif. “Parental Immigration, Legal Status, and Children’s Risky and Delinquent Behaviors”, Session on the Intersection of Immigrant Status and Criminal Offending, *American Society of Criminology Meeting* in New Orleans, LA.

- 2016 Corina Graif. "Big Data and Large Scale Networks for Communities and Health: Challenges and Opportunities," Population Health Science, Persistent and Emerging Issues, 2nd Annual Meeting, *Robert Wood Johnson Foundation*, Pennsylvania State University.
- 2016 Graif, Corina and Stephen Matthews. "Escaping the Long Arm of Poverty". *American Sociological Association*, Criminology Session, Seattle, WA.
2016. Graif, Corina. "Escaping the Long Arm of Poverty". *Geography Department Brown Bag*, Penn State University (invited presentation).
- 2016 Li, Jessie and Corina Graif. "Toward Transparency in Public Policy via Privacy-Enhanced Social Flow Analysis with Applications to Ecological Networks and Crime" NSF Satc Eager Grantee Meeting, *George Washington University*, Washington, DC.
- 2015 Graif, Corina. "Toward a Geographically Extended Perspective of Neighborhood Effects on Children's Victimization: Scaled-up, Relational and Interaction Views" *American Society of Criminology*, Annual Meeting, November, Washington, DC
- 2015 Graif, Corina. "Gender Moderation and Youth Risk Taking in the Moving to Opportunity Intervention: The Role of Extended Neighborhoods" *American Sociological Association*, Annual Meeting, Chicago, IL.
- 2015 Graif, Corina. "The Spatial Context of Neighborhood Effects on Victimization and Mental Health: Revisiting the Moving to Opportunity Housing Intervention" *Population Research Institute*, Penn State University, Feb 17th
- 2014 Graif, Corina. "Neighborhood Violence and the Network Stratification of Inter-Neighborhood Employment" *American Society of Criminology Meeting*, Crime and Place Panel. San Francisco.
- 2014 Graif, Corina. "Incorporating Spatial and Network Perspectives in the Study of Neighborhood Effects on Crime", *Criminology Forum*, Justice Center for Research, Penn State University, March 24th
- 2013 Graif, Corina. "Spatial Mismatch and the Network Connections of Community Health and Crime". *American Society of Criminology Meeting*, Atlanta. Session on Communities and Violence.
- 2013 Graif, Corina. "Moving to Opportunity and Spatial Attainment: Revisiting Neighborhood Effects on Health." *American Sociological Association Annual Meeting*, New York
- 2013 Graif, Corina. "Spatial Inequality, Neighborhood Effects and Youth Risky Behavior and Delinquency" invited presentation at Bowling Green State University.

- 2013 Graif, Corina. "The Spatial Connections of Community Health: Advancing Analyses using Networks" Robert Wood Johnson Foundation Health and Society Meeting, San Diego
- 2012 Graif, Corina. "Spatial Inequality and Neighborhood Effects on Youth's Risky Behavior and Delinquency." *American Sociological Association* Annual Meeting in Denver, in the Session on *International and Environmental Aspects in Criminology*. Organized by Karen F. Parker, presided by William Alex Pridemore.
- 2012 Graif, Corina and Mary Waters. "Moving to Opportunity in the Wake of Disaster: From Spatial Displacement to Neighborhood Attainment." *American Sociological Association* Annual Meeting in Denver, in the Session on *Disasters: Displacement and Theoretical Directions*. Session organizer: Tricia Wachtendorf, Presider: Jenniffer M. Santos-Hernandez.
- 2012 Graif, Corina. "Racial and Ethnic Differences in Spatial Mobility." Presented at the Annual Meeting of *Population Association of America*.
- 2012 Graif, Corina and Mary C. Waters. "Moving to Opportunity in the Wake of Disaster: From Spatial Dislocation to Neighborhood Attainment." Presented at the Annual Meeting of *Population Association of America*. Discussant Lori Hunter.
- 2012 Graif, Corina. "Housing, Segregation and Health." Presented at the Annual Meeting of the *Robert Wood Johnson Foundation Health and Society Scholars Program*, April 2012, Princeton.
- 2011 Graif, Corina. "Reexamining Youth Delinquency and Risky Behavior in the Context of Spatial Inequality." Presented at the *American Society of Criminology* Annual Meeting, Session: Macro-level Analyses of Youth Crime, Unit: Causes of Crime and Criminal Behavior / Macro-social Perspectives (Cultural, Disorganization, Anomie), Washington, DC, November 16-19th.
- 2011 Graif, Corina. "The Spatial Embeddedness of Neighborhood Effects: Toward a Spatial Understanding of Mental Health and Obesity." Presented at the International Sociological Association, *Research Committee on Social Stratification—RC28*, Iowa Summer Meeting, facilitator: Rachel Best, August 9-12th.
- 2010 Graif, Corina. "Mobility in Isolation: Neighborhood Stratification and Inequality in Spatial Attainment." *American Sociological Association* Meeting in Atlanta, GA. Section on Sociology of Population, Session on Demography of Race and Ethnicity, organized by Reanne Frank.
- 2010 Sampson, Robert and Corina Graif. "Spatial Networks and the Structure of Residential Mobility." *American Sociological Association* Meeting in Atlanta, GA. Session on Urban Sociology, Session on Neighborhoods, Mobility and Social Networks -- Space and Place, presided by Patrick Sharkey.
- 2010 Graif, Corina and Mary C. Waters. "Residential Displacement and Neighborhood Attainment after Hurricane Katrina." Conference on Returning to Katrina: Bringing Hurricane Katrina Research Back to the Community at the Center for Policy and Resilience, *University of Southern Mississippi Gulf Coast*. June 4-5.

- 2009 Graif, Corina and Robert J. Sampson. "The Effects of Immigration and Diversity on Crime: Spatial Heterogeneity and Neighborhood Social Processes." Workshop on Social Science Research on Immigration: The Role of Transnational Migration, Communities, & Policy , Arizona State University, 11-12 September, organized by Marjorie S. Zatz, Charis E. Kubrin, Ramiro Martinez Jr. Sponsored by the *National Science Foundation*.
- 2009 Graif, Corina. "Pathways of Residential Mobility and Neighborhood Attainment: Racial and Ethnic Inequalities among the Urban Poor." *American Sociological Association Meeting in San Francisco, Section on Housing and Housing Policy*, organized by Samantha Friedman. Discussant Vanesa Estrada.
- 2009 Graif, Corina and Robert J. Sampson. "Spatial Heterogeneity in the Effects of Immigration and Diversity on Neighborhood Homicide Rates." *American Sociological Association Meeting in San Francisco, Section on Crime, Law, & Deviance, Session on New Direction in Communities and Crime Research*, organized by Charis Kubrin and Lee Slocum.
- 2009 Jones, Alison Denton, Van Tran, Corina Graif, Christopher Winship, and Mario Small. "Participation in Context. Neighborhood Diversity and Organizational Involvements in Boston." Presented at the *American Sociological Association Meeting in San Francisco, Section on Community and Urban Sociology, Session on Formal Organizations and Urban Transformations*, organized by Nicole Marwell and Michael McQuarrie.
- 2009 Sampson, Robert J., Corina Graif, Ann Owens, Patrick Sharkey. "Patterns and Structure of Neighborhood Mobility Among Families in Chicago." Workshop on the Impact on Mobility and Change on the Lives of Young Children, Schools and Neighborhoods, June 29-30. Board on Children Youth and Families, Division of Behavioral and Social Sciences and Education, *The National Academy of Sciences*.
- 2009 Graif, Corina. "Spatial Networks of Neighborhood Mobility: Racial and Ethnic Differences among the Urban Poor." Presented in the "How does context arise?" panel, of the Capturing Context: Bridging Spatial and Network Analyses Conference, Columbia University, New York, June, organized by Gina Lovasi, jimi adams, and Peter Bearman. Sponsored by the *Robert Wood Johnson's Health and Society Scholars Program*.
- 2009 Graif, Corina. "Modeling Neighborhood Ecologies in Space and Time." Invited presentation at the Spatial and Temporal Analysis Workshop, *Center for Geographic Analysis and the Institute for Quantitative Social Science*, Harvard University, Apr 10.
- 2009 Tran, Van, Corina Graif, and Alison Denton Jones. "Participation in Context. Neighborhood Diversity and Organizational Involvements in Boston." Inter-Ivy Sociology Symposium. March 28th, *Columbia University*, New York City.
- 2008 Graif, Corina, Alison Denton Jones, Mario L. Small, Van C. Tran, Christopher Winship. "The Role of Nonprofits in the Lives of Urban Dwellers." Urban Scholars Conference, Harvard University, organized by Christopher Winship and Mario Small, September 4-5.
- 2008 Sampson, Robert and Corina Graif. "Political Networks and Community Structures." Networks in Political Science Conference, Harvard University, Cambridge, MA, June 14th, 2008, organized by David Lazer and James Fowler.

- 2007 Graif, Corina. "Creative Class and Diversity: Spatial and Temporal Dynamics in Chicago Neighborhoods." Annual Meeting of the *American Sociological Association*. New York. Section on Multi-Ethnic Cities. Organized by Eric Fong. Discussant John Iceland.
- 2007 Sampson, Robert and Corina Graif. "Network Flows of Criminal Propensity." *American Society of Criminology* Annual Meeting, November 14-17, Atlanta, Georgia. Discussant: Andrew Papachristos.
- 2007 Graif, Corina. "Immigration, Diversity and Residential Segregation: Spatial and Temporal Patterns of Neighborhood Growth." *Workshop on Immigration and Social Change in Britain and the U.S.* Organized by Mary C. Waters, Robert Putnam, Robert Sampson, June 25-July 6, 2007 University of Manchester, UK.
- 2006 Graif, Corina. "Conceptualizing and Measuring Diversity and its Benefits across Neighborhoods: A Multi-Method Spatial Approach." Graduate Student Conference on *Embracing Diversity: Latino Immigration and the Transformation of American Society*, Sponsored by Mary C. Waters and Jennifer Hochschild, Harvard University, Oct. 13-14.
- 2005 Graif, Corina. "Spatial Inequality and Community Wellbeing." GIS and Population Science Workshop, *Population Research Institute and Center for Spatially Integrated Social Sciences*, UCSB 2005 June 19-July 2, Santa Barbara, CA.
- 2004 Lucas, Jeffrey, Corina Graif, and Michael Lovaglia. "Misconduct in the Prosecution of Severe Crimes: An Experimental Study." Annual Meeting of the *American Sociological Association*, San Francisco, CA, Aug 14, 2004.

PROFESSIONAL SERVICE

- 2019-2020 Member of *Robert J. Bursik Junior Scholar Award Committee, Division of Communities and Place, American Society of Criminology*
- 2017-2020 Division Historian, *Division of Communities and Place, American Society of Criminology*
- 2017-2019 Member of James Short Award Committee, *Division of Communities and Place, American Society of Criminology*
- 2017-2018 Organized two sessions on Neighborhood Effects and Child Wellbeing for *Population Association of America 2018*
- 2016-2017 Member of founding team, *Division of Communities and Place, American Society of Criminology*
- 2017 Discussant of Neighborhoods Effects paper session at *Population Association of America 2017*
- 2016 Grant Reviewer (Ad Hoc), Social and Behavioral Sciences, *National Science Foundation*

- 2016-2017 Organizer of the 2017 Criminology (Regular) Session, *American Sociological Association*, Montreal, Canada
- 2015-2016 Member of the 2016 Program Committee, *American Society of Criminology*, Sub-Area Chair for the “Neighborhood Effects” Sessions. New Orleans, Louisiana
- 2015 *National Science Foundation* – Grant Reviewer (Ad Hoc), Innovative Methods
- 2014 *William T Grant Foundation* – Proposal Reviewer, Reducing Inequality Program
- 2013 *American Society of Criminology*, Chair of Session on "Communities and Violence" and Chair of Panel on "Prisons, Jails, and Mental Health"
- 2013 *National Science Foundation*, SaTc , Cyber-Crime, Panel Reviewer
- 2013 Co-organizer of Conference on Mass Incarceration and Health, *University of Michigan*, Ann Arbor, May.
- 2012 Co-organizer of *Robert Wood Johnson Foundation Health & Society Scholars Meeting*, University of Michigan, Ann Arbor, September.
- 2012 Discussion Leader in Session on Community Violence at the *Robert Wood Johnson Foundation Health & Society Scholars Annual Meeting* in May, Princeton, NJ.
- Occasional reviewer for: *Criminology*, *Justice Quarterly*, *American Sociological Review*; *American Journal of Sociology*, *City and Community*, *Demography*, *Social Networks*, *Social Forces*, *Sociological Methods and Research*, *Social Problems*, *W.E.B. Dubois Review: Social Science Research on Race*, *Social Science and Medicine*, *Sociological Perspectives*, *The Sociological Quarterly*, *Demographic Research*; *Urban Affairs Review*, *Population and Environment*

DEPARTMENTAL AND UNIVERSITY SERVICE

- 2020- present Co-Founding Faculty Member of the *Center for Foundational and Applied Artificial Intelligence (CAFAI)* - Working project, a collaboration of faculty from over 23 Departments / Programs in 9 Colleges at Penn State
- 2019-present Elected Member of *Population Research Institute's (PRI) Internal Advisory Board*
- 2019-2020 Member of Graduate Committee -- Criminology Program
- 2018-2020 Elected Member of Advisory Committee to the Department Head
- 2017-2020 Organizer of the Changing American Neighborhoods and Communities (CANAC), a PRI (Population Research Institute) working group
- 2018-2019 Co-chair of Job Market Preparation Committee
- 2018-2019 Member of Race and Ethnicity Faculty Search Committee
- 2017-2018 Member of the Graduate Committee

- 2017-2018 Member of the Criminology Forum Committee
- 2016-2017 Member of the Faculty Search Committee, Criminology Program
- 2016 (elected) Member of the AD14 Sociology and Criminology Review Committee, Penn State University
- 2014-2016 (elected) Member of Advisory Committee (Sociology and Criminology), Department of Sociology and Criminology, The Pennsylvania State University—Functioned also as Search Committee for the Cyber Science/ Big Data Initiative and for several other faculty hires
- 2015-2016 Member, Criminology Forum Committee
- 2015-2016 Member, Diversity Committee
- 2015-2016 Co-Organizer of CANAC (Changing American Neighborhoods and Communities), a PRI / SSRI working group, Penn State University
- 2015 Panelist on “Women in Science/Research” for Women in Science and Engineering (WISE), The Pennsylvania State University
- 2014-2015 Member of Graduate Committee (Criminology), Department of Sociology and Criminology, The Pennsylvania State University
- 2013 Member of Faculty Search Committee, Criminology Program, Department of Sociology and Criminology, The Pennsylvania State University
- 2008-2010 Member of Colloquium Committee, Department of Sociology, Harvard University
- 2006-2007 Member of Graduate Admissions Committee, Department of Sociology, Harvard University.

PROFESSIONAL AFFILIATIONS

American Society of Criminology, Population Association of America, and American Sociological Association. Sections on: Crime, Law, and Deviance; Community and Urban Sociology; Inequality, Poverty, and Mobility, Sociology of Population; Children and Youth; Methodology.

MENTORING AND ADVISING

Graduate Students

Takuma Kamada (Doctoral Comprehensive Exam and Dissertation Committee) Role: Chair, 2018-20

Megan Evans (Doctoral Comprehensive Exam and Dissertation Committee) Role: Co-Chair, 2018-present

Christopher Seto (Doctoral Comprehensive Exam and Dissertation Committee) Role: Chair, 2019-present

Alex Chapman (Doctoral Comprehensive Exam and Dissertation Committee) Role: Committee Member, 2019-20)

Robert Zuchowski (Doctoral Comprehensive Exam and Dissertation Committee) Role: Committee Member, 2018-20

Michael Nowak (Doctoral Comprehensive Exam and Dissertation Committee, Architecture) Role: Committee Member, 2018-20

Haoti Zhong (Dissertation Committee, Electrical Engineering) Role: Committee Member, 2018-19.

Christopher Palmore (Doctoral Comprehensive Exam and Dissertation Committee) Role: Committee Member, 2016-17. Current position: Visiting Assistant Professor, Department of Criminal Justice at University of Louisiana at Lafayette

Andy Gladfelter (Doctoral Comprehensive Exam and Dissertation Committee) Role: Committee Member, 2013-16. Current position: Assistant Professor at William Patterson University

Christopher Seto. (MA thesis): Role: Committee member, Co-Advisor 2018-2020

Ryan Richmond (MA thesis) Role: Committee Member, 2019-20

Kaitlyn Konefal (MA thesis) Role: Committee Member, 2019

Brittany Freelin (MA Thesis) Role: Chair, 2016-18

Sarah Fry (MA Thesis) Role: Chair, 2014-15

Rebecca Bucci (MA Thesis) Role: Committee Member, 2016-18

Brandy Parker (Masters Thesis) Role: Committee Member, 2015-16

Alyssa Yetter (Howard-Tripp) Role: NSF funding sponsor and Advisor, 2015-17

Brianna, Jackson, B. Role: Advisor. 2015-16

Marin, Wenger, M. Role: Co-Advisor, 2013 - 2014.

Undergraduate Students

Supervised Undergraduate Teaching Assistants

Gayle, Kriss-Ann. (January 2016 - May 2016).

Meadows, Kara. (September 2014 - May 2015). Got offers for graduate research at George Washington University and Marymount University, Washington D.C.

Burgos, Katherine. (January 2014 - May 2014).

Patton, William. (January 2014 - May 2014). Currently at Widner Univ School of Law

Camusi, Michael. (September 2013 - December 2013). Received offers for graduate studies, including at Boston College

Supervised Undergraduate Research/Independent Study

Chen, Xuanying Carol (January 2016 - 2017). Multiple grad program offers.

Currently in Grad school at the University of Maryland.

Camusi, Michael. (January 2014 - May 2014). Got offers from Grad schools, including Boston College.

Supervision of Funded Undergraduate Research
Schneider, Rachele. (Advisor, Penn State University, Sociology and Criminology),
Undergraduate. (June 2016 - 2017). Currently in Grad school UPenn.
Benjamin Eppinger (Penn State University, IST) June 2016-2017

MEDIA HIGHLIGHTS, REVIEWS, AND REPRINTS OF RESEARCH

Article, Health Selection into Neighborhoods among Moving to Opportunity Families, Peter Dizikes (January 1, 2016). *Missed opportunities Health problems for children prevent families from moving to higher-income neighborhoods.*, MIT News.
<http://news.mit.edu/2016/health-problems-children-higher-income-neighborhoods-0119>

Article, "(Un)natural Disaster: Vulnerability, Long-Distance Displacement, and the Extended Geography of Neighborhood Distress and Attainment after Katrina", Malcolm Gladwell (August 1, 2015). *Starting Over Many Katrina victims left New Orleans for good. What can we learn from them?*, New Yorker Magazine.
<http://www.newyorker.com/magazine/2015/08/24/starting-over-dept-of-social-studies-malcolm-gladwell?intcid=mod-most-popular>

Article, "(Un)natural Disaster: Vulnerability, Long-Distance Displacement, and the Extended Geography of Neighborhood Distress and Attainment after Katrina", Mark Whitehouse (January 1, 2015). *What New Orleans Still Needs to Change*, Bloomberg View.
<http://www.bloombergview.com/articles/2015-08-28/what-new-orleans-failed-to-change>

Article, Misconduct in the Prosecution of Severe Crimes: Theory and Experimental Test, Jeffrey C. Dixon, Royce Singleton, and Bruce Straits (July 1, 2015). *The Process of Social Research*. Chapter 7: Oxford University Press.
This is a textbook on research methods. My co-authored article, originally published in Social Psychology Quarterly in 2006, is described in depth and used (including an adapted version of Table 1) throughout Chapter 7, on experiments.

Article, Delinquency and Gender Moderation in the Moving to Opportunity Intervention: The Role of Extended Neighborhoods, Tanvi Misra (January 1, 2015). *Why Poor Boys Who Move to Rich Neighborhoods Still Face Risks*, The Atlantic (Citylab).
<http://www.citylab.com/housing/2015/11/why-poor-boys-who-move-to-rich-neighborhoods-still-face-risks/414169/>

Article, "Urban Poverty and Neighborhood Effects on Crime: Incorporating Spatial and Network Perspectives". *Sociology Compass* 8: 1140–1155. Rebecca Tuhus-Dubrow (Oct 7, 2014) What Our Neighborhoods Don't Say About Us, *Next City*:
<https://nextcity.org/daily/entry/census-neighborhood-study-activity-space>

Article, Neighborhood Social Capital as Differential Social Organization: Resident and Leadership Dimensions, Chris Walker (December 1, 2010). *Research Review: Social Capital*, *The Journal of the Institute for Comprehensive Community Development*.

Article, Spatial Heterogeneity in the Effects of Immigration and Diversity on Neighborhood Homicide Rates, Sarah Shannon (January 1, 2010). *Safety in the Melting Pot, Contexts, May 2010*: American Sociological Association, in "Discoveries: New and Noteworthy Social Research"