

# Curriculum Vitae

MARTIN ALEXANDER ANDRESEN

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## CURRENT POSITIONS AND PROFESSIONAL ACTIVITIES

Professor, School of Criminology, Simon Fraser University  
Director, Institute for Canadian Urban Research Studies, Simon Fraser University  
Associate Member, Department of Geography, Simon Fraser University  
Affiliated Scholar, Center for Evidence-Based Crime Policy, George Mason University  
Chair, Crime and Place Working Group, Center for Evidence-Based Crime Policy  
Collaborator, Canadian Society of Evidence Based Policing  
Member, Space, Place, and Crime Working Group, European Society of Criminology  
Associate Editor, *Journal of Quantitative Criminology*  
Editorial Board, *Journal of Quantitative Criminology*  
Editorial Board, *Journal of Criminal Justice*  
Editorial Board, *International Criminal Justice Review*  
Editorial Board, *Canadian Journal of Criminology and Criminal Justice*  
Editorial Board, *Criminology, Criminal Justice, Law & Society*  
Editorial Board, *Methodological Innovations*

## EDUCATION

2006 Doctor of Philosophy (Geography), University of British Columbia  
2001 Master of Arts (Economics), Simon Fraser University  
2000 Bachelor of Arts (Economics), Simon Fraser University  
2007 Certificate in Web-Based Instruction, Simon Fraser University  
1999 Certificate of Liberal Arts, Simon Fraser University

## PREVIOUS POSITIONS AND PROFESSIONAL ACTIVITIES

2018 – 2019 Canadian Association of Chiefs of Police, Research Advisory Committee  
2014 – 2018 Book Review Editor, *Canadian Journal of Criminology and Criminal Justice*  
2014 – 2017 Associate Director (Graduate Programs), School of Criminology, SFU  
2012 – 2015 Associate Professor, School of Criminology, SFU  
2006 – 2012 Assistant Professor, School of Criminology, SFU  
2005 – 2006 University-College Professor, Malaspina University-College (Geography)

### RESEARCH FIELDS

Spatial crime analysis, crime and place, geography of crime, environmental criminology, applied spatial statistics and geographical information analysis

### TEACHING FIELDS

Environmental criminology, spatial crime analysis, spatial data analysis, statistical methods, research methods

### BOOKS

1. Andresen, M.A. (2013). *The science of crime measurement: Issues for spatially-referenced crime data*. New York, NY: Routledge.
2. Andresen, M.A. (2014). *Environmental criminology: Evolution, theory, and practice*. New York, NY: Routledge.
3. Andresen, M.A. (2019). *Environmental criminology: Evolution, theory, and practice* (2nd ed.). New York, NY: Routledge.

### EDITED VOLUMES

1. Andresen, M.A., Brantingham, P.J., & Kinney, J.B. [Eds.] (2010). *Classics in environmental criminology*. Co-published: Burnaby, BC, SFU Publications and Boca Raton, FL, CRC Press.
2. Andresen, M.A., & Kinney, J.B. [Eds.] (2012). *Patterns, prevention, and geometry of crime*. New York, NY: Routledge.
3. Andresen, M.A., & Farrell, G. [Eds.] (2015). *The criminal act: The role and influence of routine activity theory*. Basingstoke, UK: Palgrave Macmillan.

### EDITED JOURNAL ISSUES/SECTIONS AND OTHER VOLUMES

1. Andresen, M.A. (2014). Predictive models and geographic profiling, Area Editor. In D. Weisburd & G. Bruinsma (Eds.), *Encyclopedia of criminology and criminal justice*. New York, NY: Springer-Verlag.
2. Braga, A.A., Andresen, M.A., & Lawton, B. [Eds.] (2017). Special issue: The law of crime concentration at places. *Journal of Quantitative Criminology*, 33(3), 421 - 674.
3. Andresen, M.A., & Weisburd, D.L. [Eds.] (2018). Special issue: Place-based policing: New directions, new challenges. *Policing: An International Journal*, 41(3), 310 - 414.
4. Andresen, M.A., Haberman, C., Johnson, S. D., & Steenbeek, W. [Eds.] (2020). Special issue: Advances in place-based methods. *Journal of Quantitative Criminology*, in process.

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RESEARCH MONOGRAPHS

1. Andresen, M.A., & Brantingham, P.J. (2007). *Hot spots of crime in Vancouver and their relationship with population characteristics*. Ottawa, ON: Department of Justice Canada.
2. Andresen, M.A., & Boyd, N.T. (2008). *A cost – benefit and cost – effectiveness analysis of Vancouver’s safe injection facility*. Ottawa, ON: Health Canada.
3. Andresen, M.A., Reid, A.A., & Jenion, G.W. (2010). *An evaluation of CCTV at the Scott Road Skytrain Station*. Surrey, BC: City of Surrey.
4. Andresen, M.A. (2010). *An assessment of increased police patrol in Lower Lonsdale*. North Vancouver, BC: City of North Vancouver.
5. Andresen, M.A., Mann, E., & Hodgkinson, T. (2017). *An evaluation of bylaw and policy changes on pharmacy robberies in British Columbia*. Vancouver, BC: College of Pharmacists of British Columbia.

PEER-REVIEWED JOURNAL ARTICLES

1. Andresen, M.A., Jenion, G.W., & Jenion, M.L. (2003). Conventional calculations of homicide rates lead to an inaccurate reflection of Canadian trends. *Canadian Journal of Criminology and Criminal Justice*, 45(1), 1 - 17.
2. Frank, L.D., Andresen, M.A., & Schmid, T.L. (2004). Obesity relationships with community design, physical activity, and time spent in cars. *American Journal of Preventive Medicine*, 27(2), 87 - 96.
3. Andresen, M.A., & Jenion, G.W. (2004). The unspecified temporal criminal event: What is unknown is known with aoristic analysis and multinomial logistic regression. *Western Criminology Review*, 5(3), 1 - 11.
4. Andresen, M.A. (2006). Crime measures and the spatial analysis of criminal activity. *British Journal of Criminology*, 46(2), 258 - 285.
  - Reprinted in: Walker, J.T. [Ed.] (2011). *Social, Ecological and Environmental Theories of Crime*. Surrey, UK: Ashgate Publishing Limited.
5. Andresen, M.A. (2006). The effect of North American trade liberalization on the nature of Canadian trade, 1989 - 2002. *American Review of Canadian Studies*, 36(2), 283 - 311.
6. Andresen, M.A. (2006). A spatial analysis of crime in Vancouver, British Columbia: A synthesis of social disorganization and routine activity theory. *Canadian Geographer* 50(4): 487 - 502.
  - This article won the 2008 *Canadian Geographer* New Scholar Award.

7. Andresen, M.A. (2007). Homicide and medical science: Is there a relationship? *Canadian Journal of Criminology and Criminal Justice*, 49(2), 185 - 204.
8. Andresen, M.A. (2007). Location quotients, ambient populations, and the spatial analysis of crime in Vancouver, Canada. *Environment and Planning A*, 39(10), 2423 - 2444.
9. Andresen, M.A. (2008). The evolving quality of trade between Canada and the United States. *Canadian Geographer*, 52(1), 22 - 37.
10. Andresen, M.A., & Jenion, G.W. (2008). Crime prevention and the science of where people are. *Criminal Justice Policy Review*, 19(2), 164 - 180.
11. Andresen, M.A., & Brantingham, P.L. (2008). Visualizing ambient population data within census boundaries: A dasymetric mapping procedure. *Cartographica*, 43(4), 267 - 275.
12. Andresen, M.A. (2009). Crime specialization across the Canadian provinces. *Canadian Journal of Criminology and Criminal Justice*, 51(1), 31 - 53.
13. Andresen, M.A. (2009). Trade specialization and reciprocal trading relationships in Canada and the United States, 1989 and 2001. *Annals of the Association of American Geographers*, 99(1), 163 - 183.
14. Andresen, M.A. (2009). Regionalizing global trade patterns, 1981 - 2001: Application of a new method. *Canadian Geographer*, 53(1), 24 - 44.
15. Andresen, M.A. (2009). The geographical effects of the NAFTA on Canadian provinces. *Annals of Regional Science*, 43(1), 251 - 265.
16. Andresen, M.A. (2009). Asynchronous discussion forums: Success factors, outcomes, assessments, and limitations. *Journal of Educational Technology & Society*, 12(1), 249 - 257.
17. Andresen, M.A. (2009). Testing for similarity in area-based spatial patterns: A non-parametric Monte Carlo approach. *Applied Geography*, 29(3), 333 - 345.
18. Andresen, M.A. (2009). Crime in Lithuania: The impact of accession to the European Union. *European Journal of Criminology*, 6(4), 337 - 360.
19. Andresen, M.A., Wuschke, K., Kinney, J.B., Brantingham, P.J., & Brantingham, P.L. (2009). Cartograms, crime, and location quotients. *Crime Patterns and Analysis*, 2(1), 31 - 46.
20. Andresen, M.A. (2009). The border puzzle is solved. *Applied Economics Letters*, 16(16), 1617 - 1620.
21. Andresen, M.A. (2009). Canada - United States interregional trade flows, 1989 - 2001. *Canadian Journal of Regional Science*, 32(2), 187 - 202.
22. Andresen, M.A., & Boyd, N.T. (2010). A cost - benefit and cost - effectiveness analysis of Vancouver's supervised injection facility. *International Journal of Drug Policy*, 21(1), 70 - 76.

23. Andresen, M.A., & Felson, M. (2010). The impact of co-offending. *British Journal of Criminology*, 50(1), 66 - 81.
24. Andresen, M.A. (2010). Diurnal movements and the ambient population: An application to municipal level crime rate calculations. *Canadian Journal of Criminology and Criminal Justice*, 52(1), 97 - 109.
25. Andresen, M.A., & Felson, M. (2010). Situational crime prevention and co-offending. *Crime Patterns and Analysis*, 3(1), 3 - 13.
26. Andresen, M.A. (2010). Geographies of international trade: Theory, borders, and regions. *Geography Compass*, 4(2), 94 - 105.
27. Andresen, M.A., & Jenion, G.W. (2010). Ambient populations and the calculation of crime rates and risk. *Security Journal*, 23(2), 114 - 133.
28. Andresen, M.A. (2010). Canada - United States interregional trade: Quasi-points and spatial change. *Canadian Geographer*, 54(2), 139 - 157.
29. Andresen, M.A. (2010). A cross-industry analysis of intra-industry trade measurement thresholds: Canada and the United States, 1988-1999. *Empirical Economics*, 38(3), 793 - 808.
30. Andresen, M.A. (2010). The geography of the Canada - United States border effect. *Regional Studies*, 44(5), 579 - 594.
31. Andresen, M.A., & Malleson, N. (2011). Testing the stability of crime patterns: Implications for theory and policy. *Journal of Research in Crime and Delinquency*, 48(1), 58 - 82.
32. Andresen, M.A. (2011). The ambient population and crime analysis. *Professional Geographer*, 63(2), 193 - 212.
33. Andresen, M.A. (2011). Estimating the probability of local crime clusters: The impact of immediate spatial neighbors. *Journal of Criminal Justice*, 39(5), 394 - 404.
34. Frank, R., Andresen, M.A., Cheng, C., & Brantingham, P.L. (2011). Finding criminal attractors based on offenders' directionality of crimes. *Proceedings of the European Intelligence and Security Informatics Conference*, 86 - 93.
35. Andresen, M.A. (2011). The impact of accession to the European Union on violent crime in Lithuania. *European Sociological Review*, 27(6), 759 - 771.
36. Andresen, M.A., & Felson, M. (2012). An investigation into the fundamental regularities of co-offending for violent and property crime classifications. *Canadian Journal of Criminology and Criminal Justice*, 54(1), 101 - 115.
37. Frank, R., Andresen, M.A., & Brantingham, P.L. (2012). Criminal directionality and the structure of urban form. *Journal of Environmental Psychology*, 32(1), 37 - 42.
38. Frank, R., Andresen, M.A., & Felson, M. (2012). The geodiversity of crime: Evidence from British Columbia. *Applied Geography*, 34, 180 - 188.

39. Pereira, A.S., Jalles, J.T., & Andresen, M.A. (2012). Structural change and foreign direct investment: Globalization and regional economic integration. *Portuguese Economic Journal*, 11(1), 35 - 82.
40. Andresen, M.A., Jenion, G.W., & Reid, A.A. (2012). An evaluation of ambient population estimates for use in crime analysis. *Crime Mapping: A Journal of Research and Practice*, 4(1), 7 - 30.
41. Andresen, M.A., & Tong, W. (2012). The impact of the 2010 Winter Olympic Games on crime in Vancouver. *Canadian Journal of Criminology and Criminal Justice*, 54(3), 333 - 361.
42. Andresen, M.A., & Felson, M. (2012). Co-offending and the diversification of crime types. *International Journal of Offender Therapy and Comparative Criminology*, 56(5), 811 - 829.
43. Andresen, M.A., & Linning, S.J. (2012). The (in)appropriateness of aggregating across crime types. *Applied Geography*, 35(1-2), 275 - 282.
44. Andresen, M.A. (2012). Unemployment and crime: A neighborhood level panel data approach. *Social Science Research*, 41(6), 1615 - 1628.
45. Reid, A.A., & Andresen, M.A. (2012). The impact of a closed-circuit television in a car park on the fear of crime: evidence from a victimization survey. *Crime Prevention & Community Safety*, 14(4), 293 - 316.
46. Andresen, M.A., Felson, M., & Frank, R. (2012). The geometry of offending and victimization. *Canadian Journal of Criminology and Criminal Justice*, 54(4), 495 - 510.
47. Andresen, M.A., & Jozaghi, E. (2012). The point of diminishing returns: An examination of expanding Vancouver's Insite. *Urban Studies*, 49(16), 3531 - 3544.
48. Frank, R., Andresen, M.A., & Brantingham, P.L. (2013). Visualizing the directional bias in property crime incidents for five Canadian municipalities. *Canadian Geographer*, 57(1), 31 - 42.
49. Jozaghi, E., & Andresen, M.A. (2013). Should North America's first and only supervised injection facility (InSite) be expanded in British Columbia, Canada? *Harm Reduction Journal*, 10, Article 1.
50. Andresen, M.A. (2013). A robust solution for the Canada – United States border puzzle. *International Trade Journal*, 27(2), 142 - 155.
51. Andresen, M.A. (2013). International immigration, internal migration, and homicide in Canadian provinces. *International Journal of Offender Therapy and Comparative Criminology*, 57(5), 632 - 657.
52. Andresen, M.A. (2013). Unemployment, business cycles, crime, and the Canadian provinces. *Journal of Criminal Justice*, 41(4), 220 - 227.

53. Andresen, M.A., & Malleson, N. (2013). Crime seasonality and its variations across space. *Applied Geography*, 43, 25 - 35.
54. Jozaghi, E., Reid, A.A., & Andresen, M.A. (2013). A cost-benefit/cost-effectiveness analysis of proposed supervised injection facilities in Montreal, Canada. *Substance Abuse Treatment, Prevention, and Policy*, 8, Article 25.
55. Reid, A.A., & Andresen, M.A. (2014). An evaluation of CCTV in a car park using police and insurance data. *Security Journal*, 27(1), 55 - 79.
56. Jalles, J.T., & Andresen, M.A. (2014). Suicide and unemployment: A panel analysis of Canadian provinces. *Archives of Suicide Research*, 18(1), 14 - 27.
57. Andresen, M.A., & Malleson, N. (2014). Police foot patrol and crime displacement: A local analysis. *Journal of Contemporary Criminal Justice*, 30(2), 186 - 199.
58. Andresen, M.A., Frank, R., & Felson, M. (2014). Age and the distance to crime. *Criminology & Criminal Justice*, 14(3), 314 - 333.
59. Jozaghi, E., Reid, A.A., Andresen, M.A., & Juneau, A. (2014). A cost-benefit/cost-effectiveness analysis of proposed supervised injection facilities in Ottawa, Canada. *Substance Abuse Treatment, Prevention, and Policy*, 9, Article 31.
60. Andresen, M.A., & Lau, K.C.Y. (2014). An evaluation of police foot patrol in Lower Lonsdale. *Police Practice and Research*, 15(6), 476 - 489.
61. Andresen, M.A., & Linning, S.J. (2014). Beginning to understand the economic costs of children's exposure to intimate partner violence. *International Journal of Child, Youth and Family Studies*, 5(4), 588 - 608.
62. Andresen, M.A. (2015). Unemployment, GDP, and crime: The importance of multiple measurements of the economy. *Canadian Journal of Criminology and Criminal Justice*, 57(1), 35 - 58.
63. Andresen, M.A. (2015). Identifying changes in spatial patterns from police interventions: The importance of multiple methods of analysis. *Police Practice and Research*, 16(2), 148 - 160.
64. Jalles, J.T., & Andresen, M.A. (2015). The social and economic determinants of suicide in Canadian provinces. *Health Economics Review*, 5, Article 1.
65. LaRue, E., & Andresen, M.A. (2015). Spatial patterns of crime in Ottawa: The role of universities. *Canadian Journal of Criminology and Criminal Justice*, 57(2), 189 - 214.
66. Malleson, N., & Andresen, M.A. (2015). The impact of using social media data in crime rate calculations: Shifting hot spots and changing spatial patterns. *Cartography and Geographic Information Science*, 42(2), 112 - 121.
67. Curman, A.S.N., Andresen, M.A., & Brantingham, P.J. (2015). Crime and place: A longitudinal examination of street segment patterns in Vancouver, BC. *Journal of Quantitative Criminology*, 31(1), 127 - 147.

68. Malleson, N., & Andresen, M.A. (2015). Spatio-temporal crime hotspots and the ambient population. *Crime Science*, 4, Article 10.
69. Andresen, M.A., & Malleson, N. (2015). Intra-week spatial-temporal patterns of crime. *Crime Science*, 4, Article 12.
70. Melo, S.N., Matias, L.F., & Andresen, M.A. (2015). Crime concentrations and similarities in spatial crime patterns in a Brazilian context. *Applied Geography*, 62, 314 - 324.
71. Andresen, M.A. (2015). Predicting local crime clusters using (multinomial) logistic regression. *Cityscape: A Journal of Policy Development and Research*, 17(3), 249 - 261.
72. Jozaghi, E., Hodgkinson, T., & Andresen, M.A. (2015). Is there a role for potential supervised injection facilities in Victoria, British Columbia, Canada? *Urban Geography*, 36(8), 1241-1255.
73. Hodgkinson, T., Andresen, M.A., & Farrell, G. (2016). The decline and locational shift of automotive theft: A local level analysis. *Journal of Criminal Justice*, 44(1), 49 - 57.
74. Andresen, M.A. (2016). An area-based nonparametric spatial point pattern test: The test, its applications, and the future. *Methodological Innovations*, 9, Article 12.
75. Spicer, V., Song, J., Brantingham, P.L., Park, A., & Andresen, M.A. (2016). Street profile analysis: A new method for mapping crime on major roadways. *Applied Geography*, 69, 65 - 74.
76. Malleson, N., & Andresen, M.A. (2016). Exploring the impact of ambient population measures on London crime hotspots. *Journal of Criminal Justice*, 46, 52 - 63.
77. Jozaghi, E., Carleton, R., & Andresen, M.A. (2016). Utility of the theory of planned behaviour for predicating needle sharing amongst injection drug users. *Journal of Substance Use*, 21(3), 249 - 256.
78. Vaughan, A., Hewitt, A., Andresen, M.A., & Brantingham, P.L. (2016). Exploring the role of the environmental context in the spatial distribution of calls-for-service associated with emotionally disturbed persons. *Policing: A Journal of Policy and Practice*, 10(2), 121 - 133.
79. Pereira, D.V.S., Andresen, M.A., & Mota, C.M.M. (2016). A temporal and spatial analysis of homicides. *Journal of Environmental Psychology*, 46, 116 - 124.
80. Jozaghi, E., Lampkin, H. & Andresen, M.A. (2016). Peer-engagement and its role in reducing the risky behaviour among crack and methamphetamine smokers of the Downtown Eastside Community of Vancouver, Canada. *Harm Reduction Journal*, 13, Article 19.
81. Andresen, M.A., & Linning, S.J. (2016). Unemployment, business cycles, and crime specialization: An analysis of Canadian provinces, 1981 - 2009. *Australian and New Zealand Journal of Criminology*, 49(3), 332 - 350.



82. Amirault, J., Bouchard, M., Farrell, G., & Andresen, M.A. (2016). Criminalizing terrorism in Canada: Investigating the sentencing outcomes of terrorist offenders from 1963 to 2010. *Journal of Criminal Law and Criminology*, 106(4), 769 - 810.
83. Song, J., Andresen, M.A., Brantingham, P.L., & Spicer, V. (2017). Crime on the edges: Patterns of crime and land use change. *Cartography and Geographic Information Science*, 44(1), 51 - 61.
84. Ha, O.K., & Andresen, M.A. (2017). Unemployment and the specialization of criminal activity: A neighborhood analysis. *Journal of Criminal Justice*, 48, 1 - 8.
85. Gallison, J.K., & Andresen, M.A. (2017). Crime and public transportation: A case study of Ottawa's O-Train system. *Canadian Journal of Criminology and Criminal Justice*, 59(1), 94 - 122.
  - Reprinted in: Tibbetts, S.G., & Hemmens, C.T. [Eds.] (2018). *Criminological Theory: A Text/Reader, 3rd Edition*. Thousand Oaks, CA: Sage Publications.
86. Pereira, D.V.S., Mota, C.M.M., & Andresen, M.A. (2017). The homicide drop in Recife, Brazil: A study of crime concentrations and spatial patterns. *Homicide Studies*, 21(1), 21 - 38.
87. Andresen, M.A., Linning, S.J., & Malleson, N. (2017). Crime at places and spatial concentrations: Exploring the spatial stability of property crime in Vancouver BC, 2003-2013. *Journal of Quantitative Criminology*, 33(2), 255 - 275.
88. Linning, S.J., Andresen, M.A., Ghaseminejad, A.H., & Brantingham, P.J. (2017). Crime seasonality across multiple jurisdictions in British Columbia, Canada. *Canadian Journal of Criminology and Criminal Justice*, 59(2), 251 - 280.
89. Hodgkinson, T., Gately, N., McCue, J., Shuhad, A., Corrado, R.R., & Andresen, M.A. (2017). Fear of crime in an island paradise: Examining the generalizability of key theoretical constructs in the Maldivian context. *International Criminal Justice Review*, 27(2), 108 - 125.
90. Andresen, M.A., Curman, A.S.N., & Linning, S.J. (2017). The trajectories of crime at places: Understanding the patterns of disaggregated crime types. *Journal of Quantitative Criminology*, 33(3), 427 - 449.
91. Jalles, J.T., & Andresen, M.A. (2017). Understanding the relationship between the economy and crime: Canadian provinces, 1981 - 2009. *International Journal of Social Economics*, 44(9), 1268 - 1288.
92. Pereira, D.V.S., Mota, C.M.M., & Andresen, M.A. (2017). Social disorganization and homicide in Recife, Brazil. *International Journal of Offender Therapy and Comparative Criminology*, 61(14), 1570 - 1592.
93. Linning, S.J., Andresen, M.A., & Brantingham, P.J. (2017). Crime seasonality: Examining the temporal fluctuations of property crime in cities with varying climates. *International Journal of Offender Therapy and Comparative Criminology*, 61(16), 1866 - 1891.

94. Melo, S.N., Andresen, M.A., & Matias, L.F. (2017). Geography of crime in a Brazilian context: An application of social disorganization theory. *Urban Geography*, 38(10), 1550 - 1572.
95. Farrell, G., Hodgkinson, T., & Andresen, M.A. (2018). Homicide in Canada and the crime drop. *Crime Science*, 7, Article 1.
96. Vaughan, A.D., Wuschke, K.E., Hewitt, A.N., Hodgkinson, T., Andresen, M.A., Brantingham, P.L. & Verdun-Jones, S. (2018). Variations in *Mental Health Act* calls to police: An analysis of hourly and intra-week patterns. *Policing: An International Journal*, 41(1), 58 - 69.
97. Melo, S.N., Andresen, M.A., & Matias, L.F. (2018). Repeat and near-repeat victimization in Campinas, Brazil: New explanations from the Global South. *Security Journal*, 31(1), 364 - 380.
98. Wuschke, K.E., Andresen, M.A., Brantingham, P.J., Rattenbury, C., & Richards, A. (2018). What do police do and where do they do it? *International Journal of Police Science and Management*, 20(1), 19 - 27.
99. Hewitt, A.N., Beauregard, E., & Andresen, M.A. (2018). Identifying the nature of risky places for sexual crime: The applicability of crime pattern and social disorganization theories in a Canadian context. *Journal of Criminal Justice*, 57, 35 - 46.
100. Hodgkinson, T., Andresen, M.A. & Saville, G. (2018). "Staying out that public housing": Examining the role of security measures in public housing design. *Crime Prevention & Community Safety: An International Journal*, 20(2), 99 - 112.
101. Andresen, M.A., & Hodgkinson, T. (2018). Evaluating the impact of police foot patrol at the micro-geographic level. *Policing: An International Journal*, 41(3), 314 - 324.
102. Melo, S.N., Pereira, D.V.S., Andresen, M.A., & Matias, L.F. (2018). Spatial/temporal variations of crime: A routine activity theory perspective. *International Journal of Offender Therapy and Comparative Criminology*, 62(7), 1967 - 1991.
103. Breetzke, G.D., & Andresen, M.A. (2018). The spatial stability of alcohol outlets and crime in post-disaster Christchurch, New Zealand. *New Zealand Geographer*, 74(1), 36 - 47.
104. Wheeler, A.P., Steenbeek, W., & Andresen, M.A. (2018). Testing for similarity in area-based spatial patterns: Alternative methods to Andresens spatial point pattern test. *Transactions in GIS*, 22(3), 760 - 774.
105. Ristea, A., Leitner, M, & Andresen, M.A. (2018). Opinion mining from Twitter and spatial crime distribution for hockey events in Vancouver. *Proceedings of the 21st AGILE International Conference on Geographic Information Science, Short Papers*, Article 70.
106. Ristea, A., Andresen, M.A., & Leitner, M. (2018). Using tweets to understand changes in the spatial crime distribution for hockey events in Vancouver. *Canadian Geographer*, 62(3), 338 - 351.

107. Vaughan, A.D., Ly, M., Andresen, M.A., Wuschke, K.E., Hodgkinson, T., & Campbell, A. (2018). Concentrations and specialization of mental health related calls for police service. *Victims & Offenders: An International Journal of Evidence-Based Research, Policy, and Practice*, 13(8), 1153 - 1170.
108. Andresen, M.A., & Hodgkinson, T. (2018). Predicting property crime risk: An application of risk terrain modeling in Vancouver, Canada. *European Journal on Criminal Policy and Research*, 24(4), 373 - 392.
109. Andresen, M.A., Mann, E., Hodgkinson, T., Thacker, S., & Nakagawa, B. (2019). An evaluation of bylaw and policy changes on pharmacy robberies in British Columbia. *Crime Science*, 8, Article 1.
110. Vaughan, A.D., Hewitt, A.N., Andresen, M.A., Verdun-Jones, S., & Brantingham, P.L. (2019). The importance of gender in the spatial distribution of police interactions involving emotionally disturbed persons: An examination of call types. *Policing & Society: An International Journal of Research and Policy*, 29(2), 137 - 154.
111. Melo, S.N., Beauregard, E., & Andresen, M.A. (2019). Factors related to rape reporting behavior in Brazil: Examining the role of spatio-temporal factors. *Journal of Interpersonal Violence*, 34(10), 2013 - 2033.
112. Hodgkinson, T., & Andresen, M.A. (2019). Understanding the spatial patterns of police activity and mental health in a Canadian city. *Journal of Contemporary Criminal Justice*, 35(2), 221 - 240.
113. Hodgkinson, T., & Andresen, M.A. (2019). Changing spatial patterns of residential burglary and the crime drop: The need for spatial data signatures. *Journal of Criminal Justice*, 61, 90 - 100.
114. Andresen, M.A., & Shen, J-L. (2019). The spatial effect of police foot patrol on crime patterns: A local analysis. *International Journal of Offender Therapy and Comparative Criminology*, 63(8), 1446 - 1464.
115. Vaughan, A.D., Hewitt, A.N., Hodgkinson, T., Andresen, M.A., & Verdun-Jones, S. (2019). Temporal patterns of *Mental Health Act* calls to the police. *Policing: A Journal of Policy and Practice*, 13(2), 172 - 185.
116. Hodgkinson, T., Saville, G., & Andresen, M.A. (2019). The diffusion of detriment: Tracking displacement using a city-wide mixed methods approach. *British Journal of Criminology*, in press.
117. Ponce, C., & Andresen, M.A. (2019). The spatial structure of sites in ransom kidnappings in El Salvador, 2000 - 2005. *Security Journal*, in press.
118. Ha, O.K., McCuish, E.C., Andresen, M.A., & Corrado, R.R. (2019). Signalling desistance? Crime attitudes, perceptions of punishment, and exposure to criminogenic models. *Journal of Developmental and Life-Course Criminology*, in press.
119. Malleson, N., Steenbeek, W., & Andresen, M.A. (2019). Identifying the appropriate spatial resolution for the analysis of crime patterns. *PLOS ONE*, in press.

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CONTRIBUTIONS TO EDITED VOLUMES

1. Andresen, M.A. (2006). The effects of North American trade on the Canadian economy. In K. Froschauer, N. Fabbi, & S. Pell (Eds.), *Convergence and divergence in North America: Canada and the United States* (pp. 83 - 110). Burnaby, BC: Centre for Canadian Studies, Simon Fraser University.
2. Andresen, M.A. (2009). Geospatial technology and crime analysis. In K. Hastings (Ed.), *Conference proceedings of the GeoTec event 2009*. Vancouver BC, Canada.
3. Andresen, M.A. (2010). Cognitive mapping. In B.S. Fisher & S.P. Lab (Eds.), *Encyclopedia of victimology and crime prevention* (pp. 114 - 117). Thousand Oaks, CA: Sage Publications.
4. Andresen, M.A. (2010). Displacement. In B.S. Fisher & S.P. Lab (Eds.), *Encyclopedia of victimology and crime prevention* (pp. 298 - 302). Thousand Oaks, CA: Sage Publications.
5. Andresen, M.A. (2010). The place of environmental criminology within criminological thought. In M.A. Andresen, P.J. Brantingham, & J.B. Kinney (Eds.), *Classics in environmental criminology* (pp. 5 - 28). Co-published: Burnaby, BC, SFU Publications and Boca Raton, FL, Taylor & Francis.
6. Andresen, M.A. (2010). A history of Canada - United States trade relations. In W.R. Stevens (Ed.), *Trade and development: Focus on free trade agreements* (pp. 179 - 198). Hauppauge, NY: Nova Science Publishers.
7. Kinney, J.B., & Andresen, M.A. (2012). Editors' introduction. In M.A. Andresen & J.B. Kinney (Eds.), *Patterns, prevention, and geometry of crime* (pp. 1 - 2). New York, NY: Routledge.
8. Felson, M., Andresen, M.A., & Frank, R. (2012). Mobility polygons and the geometry of co-offending. In M.A. Andresen & J.B. Kinney (Eds.), *Patterns, prevention, and geometry of crime* (pp. 3 - 15). New York, NY: Routledge.
9. Andresen, M.A. (2012). Homicide in Lithuania. In M.C.A. Liem & W.A. Pridemore (Eds.), *Handbook of European homicide research: Patterns, explanations, and country studies* (pp. 437 - 449). New York, NY: Springer.
10. Andresen, M.A., & Malleson, N. (2013). Spatial heterogeneity in crime analysis. In M. Leitner (Ed.), *Crime modeling and mapping using geospatial technologies* (pp. 3 - 23). New York, NY: Springer.
11. Andresen, M.A. (2014). Measuring crime specializations and concentrations. In G.J.N. Bruinsma & D.L. Weisburd (Eds.), *Encyclopedia of criminology and criminal justice* (pp. 3010 - 3023). New York, NY: Springer-Verlag.
12. Andresen, M.A., & Farrell, G. (2015). Editors' introduction. In M.A. Andresen & G. Farrell (Eds.), *The criminal act: The role and influence of routine activity theory* (pp. 1 - 4). Basingstoke, UK: Palgrave Macmillan.

13. Andresen, M.A. (2015). Spatial dynamics and crime. In J.D. Wright (Ed.), *International encyclopedia of social and behavioral sciences (2nd ed.)*, Volume 23 (pp. 142 - 147). Oxford, UK: Elsevier.
14. Andresen, M.A. (2017). Mapping crime prevention: What we do and where we need to go. In B. Leclerc & E.U. Savona (Eds.), *Crime prevention in the 21st century* (pp. 113 - 126). New York, NY: Springer.
15. Brantingham, P.J., Brantingham, P.L., & Andresen, M.A. (2017). The geometry of crime and crime pattern theory. In R. Wortley & M. Townsley (Eds.), *Environmental criminology and crime analysis (2nd ed.)* (pp. 98 - 115). New York, NY: Routledge.
16. Braga, A.A., Andresen, M.A., & Lawton, B. (2017). The law of crime concentration at places: Editors introduction. *Journal of Quantitative Criminology*, 33(3), 421 - 426.
17. Andresen, M.A., & Ha, O.K. (2017). Routine activity theory. In A. Brisman, E. Carrabine, & N. South (Eds.), *Routledge companion to criminological theory and concepts* (pp. 536 - 539). New York, NY: Routledge.
18. Andresen, M.A. (2017). Space, place and crime. In A. Brisman, E. Carrabine, & N. South (Eds.), *Routledge companion to criminological theory and concepts* (pp. 544 - 548). New York, NY: Routledge.
19. Andresen, M.A. (2018). GIS and spatial analyses. In G.J.N. Bruinsma & S.D. Johnson (Eds.), *Oxford handbook of environmental criminology* (pp. 190 - 209). New York, NY: Oxford University Press.
20. Andresen, M.A., & Weisburd, D. (2018). Place-based policing: New directions, new challenges. *Policing: An International Journal*, 41(3), 310 - 313.
21. Vaughan, A.D., & Andresen, M.A. (2018). The cost of mental health related calls on police service: Evidence from British Columbia. In R. Mitchell & L. Huey (Eds.), *Evidence-based policing: An introduction* (pp. 173 - 185). Bristol: Policy Press, University of Bristol.
22. Andresen, M.A., & Wuschke, K. (2019). Geography. In R. Wortley, A. Sidebottom, N. Tilley, & G. Laycock (Eds.), *Routledge handbook of crime science* (pp. 131 - 144). New York, NY: Routledge.
23. Andresen, M.A. (2019). Modifiable areal unit problem. In J.C. Barnes & D.R. Forde (Eds.), *Encyclopedia of research methods and statistical techniques in criminology and criminal justice*. New York, NY: Wiley Blackwell, in press.
24. Andresen, M.A. (2019). R (statistical software). In J.C. Barnes & D.R. Forde (Eds.), *Encyclopedia of research methods and statistical techniques in criminology and criminal justice*. New York, NY: Wiley Blackwell, in press.
25. Andresen, M.A., & Hodgkinson, T. (2019). Place-based data, methods, and analysis: Past, present, and future. In M.D. Krohn, G.P. Hall, A.J. Lizotte, & N. Hendrix (Eds.), *Handbook on crime and deviance (2nd ed.)*. New York, NY: Springer, in press.

26. Tayebi, M.A., Glasser, U., & Andresen, M.A. (2019). Future applications of big data in environmental criminology. In B. Leclerc & J. Cale (Eds.), *Criminology at the Edge: Big Data in Criminology*. New York, NY: Routledge, in press.

#### SOFTWARE DEVELOPMENT

1. Steenbeek, W., Vandeviver, C. Andresen, M.A., Malleson, N. (2017). *sppt: Spatial Point Pattern Test*. R package version 0.1.4. URL: <https://github.com/wsteenbeek/sppt>
2. Steenbeek, W., Vandeviver, C. Andresen, M.A., Malleson, N., Wheeler, A. (2018). *sppt: Spatial Point Pattern Test*. R package version (0.1.5 - 0.2.1). URL: <https://github.com/wsteenbeek/sppt>

#### MISCELLANEOUS PUBLICATIONS

1. Andresen, M.A. (2009). GIS for crime analysis and prevention. *Geospatial Today* 8(5): 20 - 22.
2. Andresen, M.A. (2010). Up or down? an efficiency-based argument for optimal toilet seat placement. *Science Creative Quarterly*, Fall 2010.
3. Andresen, M.A. (2012). Nipping it at the boob: The gateway properties of mother's milk. *Science Creative Quarterly*, Summer 2012.
4. Andresen (2013). Translating the analysis of patterns into police practice: An application of a new spatial point pattern test. *Translational Criminology*, Fall 2013, 7 - 9.

#### BOOK REVIEWS

1. Andresen, M.A. (2003). Review of: Radtke, K.W., & Wiesebron, M. (Eds.) (2002). *Competing for Integration: Japan, Europe, Latin America, and their Strategic Partners*. Armonk, NY: M.E. Sharpe. *Pacific Affairs*, 76(3), 447 - 448.

#### RESEARCH GRANTS AND CONTRACTS

SFU Vice-President, Research, Travel Grant, 2018: \$1750  
Office of Crime Reduction and Gang Outreach (Province of British Columbia)  
Research Grant, 2018 - 2019: \$25,000  
Office of Crime Reduction and Gang Outreach (Province of British Columbia)  
Research Grant, 2018 - 2019: \$143,000, Co-investigator: Tarah Hodgkinson  
SFU International Engagement Fund, 2018: \$3750  
Griffith University & Simon Fraser University Collaborative Travel Grant

(Co-investigator: Danielle Reynald; Collaborators: Tarah Hodgkinson and Mateja Mihinjac), 2017 - 2018: \$13,400  
 Social Sciences and Humanities Research Council, Small Research Grant, 2016 - 2018: \$6538  
 SFU Vice-President, Research, Travel Grant, 2016: \$1500  
 SFU Vice-President, Research, University Publications Fund, 2015: \$700  
 SFU Vice-President, Research, Travel Grant, 2014: \$1500  
 Dean of Graduate Studies, SFU, SCORE Funding Grant, 2014 - 2015: \$6000  
 Public Safety and Security secure-High Performance Computing Laboratory (sHPC Lab)  
 Canada Foundation for Innovation (John R. Evans Leaders Fund), 2014 - 2015: \$500 000  
 Co-Investigator with: Uwe Glässer (Principal) and Patricia L. Brantingham  
 Social Sciences and Humanities Research Council, Small Research Grant, 2013 - 2015: \$6810  
 Policing Strategies and Frameworks: International Comparisons; Public Safety Canada  
 Grant (Co-investigator with: Graham Farrell (Principal), Gary Bass, Richard C. Bent,  
 Paul J. Brantingham, and Patricia L. Brantingham), 2013: \$22 000  
 Center for Evidence-Based Crime Policy; Symposium Travel Grant, 2012  
 SFU Vice-President, Research; Travel Grant, 2012: \$600  
 City of Surrey Research Grant, 2009 - 2010: \$44 000  
 SFU New Faculty Grant, 2006 - 2008: \$5000  
 SFU President's Research Grant, 2006 - 2008: \$10 000  
 Department of Justice Canada, 2007: \$12 500 (Co-investigator: Paul J. Brantingham)  
 United States' National Institute of Justice, Conference Travel Grant, 2007

## TEACHING

### Simon Fraser University

- CRIM 863: Research Methods IV: Advanced Quantitative Methods
- CRIM 861: Research Methods II: Quantitative Methods
- CRIM 810: Spatial-Temporal Criminology
- CRIM 465: Crime, Economics, and the Economy
- CRIM 450: Techniques of Crime Prevention II
- CRIM 352: Environmental Criminology, Theory and Practice
- CRIM 320: Quantitative Research Methods in Criminology
  
- GEOG 221: Economic Geography
- GEOG 100: Human Geography

### Malaspina University-College

- GEOG 324: Research Methods in Geography
- GEOG 240: Economic Geography
- GEOG 221: Statistical Methods in Geography
- GEOG 112: Earth Environments

### University of British Columbia

- GEOG 361: Introduction to Economic Geography

Please see Teaching Dossier for detailed teaching experience.

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### UNIVERSITY SERVICE

#### Simon Fraser University

- Big Data Academic Advisory Committee, 2018 - present.
- APEX Professional Development Program Steering Committee, 2015 - present.
- University Scholarship Selection Committee, 2014 - 2017.
- Associate Vice-President, Research, Search Committee, 2016 - 2017
- University Publications Committee, 2011 - 2017
- ESRI Canada GIS Scholarship Award Committee, 2014

### FACULTY SERVICE

#### Faculty of Arts and Social Sciences, Simon Fraser University

- Member: Department of Economics - Renewal, Tenure and Promotion Committee, 2017 - 2018
- Member: Faculty of Social Sciences - Graduate Studies Committee, 2014 - 2017
- Member: FASS-GSC Graduate Scholarships and Awards Sub-committee, 2014 - 2015

### DEPARTMENTAL SERVICE

#### School of Criminology, Simon Fraser University

- Member: Research Methods Working Group, 2006 - Current
- Member: Graduate Programme Committee, 2007 - 2008, 2013 - 2017
- Member: Renewal, Tenure and Promotion Committee, 2010 - 2012, 2013 - 2014, 2016 - 2017
- Member: Appointments Committee, 2010 - 2012, 2014 - 2017
- Member: Undergraduate Curriculum Committee, 2006 - 2007, 2008 - 2010

#### Department of Geography, Malaspina University-College

- Member: Appointments Committee, 2005 - 2006
- Member: Research Methods Committee, 2005 - 2006

#### Department of Geography, University of British Columbia

- Member: Departmental Committee, 2004 - 2005
- Member: Graduate Research Methods Committee, 2003 - 2005
- Member: Computer Committee, 2003 - 2005

### PROFESSIONAL SERVICE

#### American Society of Criminology

- Chair: Communications Committee, Division of Communities and Place, 2017 - 2018
- Member: ASC 2019 Annual Meeting Program Committee, 2018 - 2019

Journal Referee: *Addiction* (2015), *American Journal of Criminal Justice* (2018), *American Sociological Review* (2008), *Annals of the Association of American Geographers* (2012, 2013), *Annals of Regional Science* (2008), *Applied Economics* (2007 x 2, 2009), *Applied Geography* (2011, 2012, 2013 x 2, 2014 x 2, 2015 x 2, 2016 x 3, 2018 x 2), *Applied Health Economics and Health Policy* (2013), *Applied Spatial Analysis and Policy* (2016), *BMC Public Health* (2010, 2015), *Bulletin on Narcotic Drugs* (2009 x 2), *Canadian Geographer* (2007, 2008,



2009, 2010, 2011 x 2, 2017), *Canadian Journal of Criminology and Criminal Justice* (2009 x 2, 2010, 2012 x 7, 2014 x 2, 2015 x 2, 2016 x 2, 2017 x 5, 2018 x 3), *Canadian Journal of Sociology* (2011), *Cartography and Geographic Information Science* (2009, 2010, 2012 x 2, 2014 x 3, 2015 x 2, 2016, 2017), *Cities* (2010 x 2), *Computers, Environment and Urban Systems* (2018), *Crime, Law and Social Change* (2011 x 2), *Crime Mapping: A Journal of Research and Practice* (2012), *Crime Patterns and Analysis* (2010), *Crime Prevention & Community Safety* (2012), *Crime Prevention Studies* (2009 x 2, 2013), *Crime Science* (2015 x 2, 2017, 2018), *Criminal Justice and Behavior* (2010, 2015, 2017, 2018), *Criminal Justice Review* (2018), *Criminology* (2006, 2008, 2011 x 2, 2017), *Criminology, Criminal Justice, Law & Society* (2014, 2015, 2016), *Criminology & Criminal Justice* (2012, 2013 x 2, 2016 x 2), *Criminology & Public Policy* (2016), *Economics and Business Letters* (2015), *Environment & Behavior* (2014), *Environment and Planning A* (2007 x 2, 2008, 2009, 2010, 2011, 2012 x 4, 2013 x 2, 2014 x 2), *Environment and Planning B: Urban Analytics and City Science* (2013, 2015, 2016, 2018), *European Journal of Criminology* (2007, 2012, 2014, 2019), *European Journal on Criminal Policy and Research* (2017, 2018 x 3, 2019 x 2), *European Sociological Review* (2014 x 2), *Geoforum* (2017), *Geografiska Annaler B: Human Geography* (2011), *Geographical Analysis* (2008, 2009, 2015), *Geographical Review* (2015), *GeoJournal* (2013), *Global Crime* (2008, 2012, 2014, 2016, 2017), *Great Lakes Geographer* (2003), *Growth and Change* (2009), *Homicide Studies* (2015), *International Criminal Justice Review* (2014, 2015, 2016), *International Journal of Comparative and Applied Criminal Justice* (2019), *International Journal of Drug Policy* (2009, 2010 x 2, 2011, 2012 x 2), *International Journal of Geographical Information Science* (2008 x 2, 2009, 2010, 2012, 2013 x 2, 2014), *International Journal of Geo-Information* (2015), *International Journal of Health Geographics* (2011), *International Journal of Offender Therapy and Comparative Criminology* (2017 x 2), *International Journal of Social Economics* (2017), *Journal of Comparative Policy Analysis* (2009), *Journal of Contemporary Criminal Justice* (2018), *Journal of Criminal Justice* (2009 x 2, 2011 x 2, 2012, 2013 x 3, 2014 x 3, 2015 x 9, 2016 x 5, 2017 x 3, 2018 x 3, 2019 x 2), *Journal of Drug Issues* (2017), *Journal of Environmental Psychology* (2013, 2015, 2016 x 2), *Journal of Experimental Criminology* (2012, 2018), *Journal of Integrative Environmental Sciences* (2016), *Journal of the International AIDS Society* (2012), *Journal of Maps* (2009), *Journal of Quantitative Criminology* (2013 x 2, 2014 x 4, 2015 x 9, 2016 x 6, 2017 x 4), *Journal of Research in Crime and Delinquency* (2007, 2009 x 2, 2010, 2013, 2017 x 2, 2018), *Justice Quarterly* (2011, 2012 x 2, 2013, 2014, 2016, 2017 x 3; 2019), *Methodological Innovations* (2015 x 2), *Police Practice and Research* (2017 x 2), *Police Quarterly* (2016, 2018 x 2), *Policing: An International Journal* (2012, 2013), *Policing: A Journal of Policy and Practice* (2014, 2015, 2016), *Policing & Society* (2014, 2019 x 2), *Proceedings of the National Academy of Sciences* (2018), *Professional Geographer* (2010, 2011, 2016 x 3, 2017 x 2), *Review of International Political Economy* (2010), *Security Journal* (2012, 2013 x 2, 2015, 2018 x 2), *Sexual Abuse: A Journal of Research and Treatment* (2017 x 3, 2018 x 2), *Social Network Analysis and Mining* (2012), *Social Science Quarterly* (2012), *Social Science Research* (2011, 2013 x 3, 2015, 2016, 2017), *Sociological Forum* (2008), *Sociological Methodology* (2013), *South African Geographical Journal* (2018), *Southern Economic Journal* (2013), *Transactions in GIS* (2018, 2019), *Urban Geography* (2010, 2015, 2017), *Urban Policy and Research* (2007), *Urban Studies* (2012 x 2, 2015, 2016), *Victims & Offenders* (2018).

Referee: Cambridge University Press (2015), Israel Science Foundation (2017), Jacques May

Thesis Prize - Association of American Geographers (2017), National Research Foundation South Africa (2014, 2015), National Science Foundation (2009, 2016 x 2), Netherlands Organisation for Scientific Research (2012 x 2), Oxford University Press (2011, 2015, 2017), Research Foundation - Flanders (2015), Routledge (2014), Social Sciences and Humanities Research Council of Canada (2011, 2012), Springer (2011, 2012, 2015, 2016), Statistics Canada's Canadian Centre for Justice Statistics (2008), University of California Press (2013, 2016, 2017), University of Wisconsin-Milwaukee, Research Growth Initiative (2013, 2014).

#### PROFESSIONAL AFFILIATION

American Society of Criminology (ASC)  
Academy of Criminal Justice Sciences (ACJS)  
Western Society of Criminology (WSC)  
European Society of Criminology (ESC)

#### FELLOWSHIPS, AWARDS, AND HONOURS

2018 Best Short Paper, AGILE International Conference on Geographic Information Science  
2017 SFU Dean of Graduate Studies, Award for Excellence in Leadership  
2016 Fellows Award, Western Society of Criminology  
2014 SFU Dean of Graduate Studies, Award for Excellence in Graduate Supervision  
2013 Julian M. Szeicz Award for Early Career Achievement, Canadian Association of Geographers  
2013 Nominated: SFU Dean of Graduate Studies, Award for Excellence in Supervision  
2012 Nominated: SFU Excellence in Teaching Award, SFU  
2011 Golden Key International Honour Society, Honorary Member  
2010 Dean's Medal for Academic Excellence, Faculty of Arts and Social Sciences, SFU  
2008 *Canadian Geographer* New Scholar Award (Inaugural Winner)  
2007 Short-listed (one of two), Wiley-Blackwell Publishing Award (CAG)  
2005 University of British Columbia, PhD Tuition Fee Award  
2004 Department of Geography, UBC, Departmental Teaching Assistant Prize  
2004 University of British Columbia, PhD Tuition Fee Award  
2003 University of British Columbia, PhD Tuition Fee Award  
2001 University of British Columbia, Research Scholarship  
2000 Simon Fraser University, Graduate Fellowship  
2000 Department of Economics, SFU, Top Ranking Teaching Assistant  
2000 Department of Economics, SFU, Top Ranking Teaching Assistant  
2000 Department of Economics, SFU, Top Ranking Teaching Assistant

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CONFERENCE AND SEMINAR PARTICIPATION

2018

- 26th Environmental Criminology and Crime Analysis Symposium, Elche, Spain.  
*Presented:* Minimum geocoding success rates: The impact of data and areal unit sizes.
- American Society of Criminology, 74th Annual Meeting, Atlanta GA, USA.  
*Panel Chair:* Communities and Place: Advances in Spatial Analyses of Crime.  
*Presented:* Mobile cellular data as a population at risk.  
*Presented:* Evaluating the impact of police foot patrol at the micro-geographic level.

2017

- Workshop on Collaborative Analytics for Safer Communities, Capilano University, North Vancouver BC, Canada.  
*Panel discussant:* Using advanced analytical tools for crime prevention strategy and predictive policing.  
*Invited presentation:* Crime and public safety.
- Netherlands Institute for the Study of Crime and Law Enforcement, Amsterdam, Netherlands.  
*Invited presentation:* Crime and place: past and current directions.
- Key: Big Data Initiative, Simon Fraser University  
*Invited presentation:* Big data and criminology: size matters, but not the way you think.
- American Society of Criminology, 73rd Annual Meeting, Philadelphia PA, USA.  
*Presented:* Trajectories of violence in Toronto, Ontario.  
*Presented:* Crime data warehouses and the future of big data in criminology  
*Discussant:* Authors Meet Critics: *Handbook of environmental criminology: Taking stock and where next.*

2016

- Western Society of Criminology 43rd Annual Conference, Vancouver BC, Canada.  
*Panel Chair:* Spatial and temporal crime analysis.  
*Plenary:* The geography of crime: past, present, and future.  
*Presented:* The trajectories of crime at places: understanding the patterns of disaggregated crime types.
- 24th Environmental Criminology and Crime Analysis Symposium  
Münster, Germany.  
*Presented:* Crime at places and spatial concentrations: exploring the spatial stability of property crime in Vancouver BC, 2003-2013.
- Department of Statistics & Actuarial Science, Simon Fraser University  
*Presented:* Crime, statistics, and crime statistics: searching for patterns with the aim of prevention.
- American Society of Criminology, 72nd Annual Meeting, New Orleans LA, USA.  
*Presented:* Exploring the impact of ambient population measures on London crime hotspots.  
*Presented:* The temporal (in)stability of the relationship between

unemployment and crime.

2015

- Western Society of Criminology 42nd Annual Conference, Phoenix AZ, USA.  
*Presented:* Intra-week spatial-temporal patterns of crime.  
*Panel Chair:* Spatial and temporal analysis of crime patterns.
- Canadian Association of Geographers, 64th Annual Meeting, Vancouver BC, Canada.  
*Session Co-organizer:* Geographies of crime 1, 2, and 3.  
*Session Chair:* Geographies of crime 1 and 2.  
*Presented:* Intra-week spatial-temporal patterns of crime.
- 23rd Environmental Criminology and Crime Analysis Symposium  
Christchurch, New Zealand.  
*Session Chair:* Location and guardianship.  
*Presented:* Spatial analyses of crime patterns in Brazil.
- American Society of Criminology, 71st Annual Meeting, Washington DC, USA.  
*Session Chair:* Crime drop research.  
*Presented:* The trajectories of crime at places: understanding the patterns of disaggregated crime types.  
*Presented:* Temporal and spatial analysis of homicides in Recife, Brazil.
- Together! BC Collaborates to Stop Sexual and Domestic Violence,  
Vancouver BC, Canada.  
*Invited presentation:* Beginning to understand the economic costs of children's exposure to intimate partner violence.

2014

- Western Society of Criminology 41st Annual Conference, Honolulu HI, USA.  
*Presented:* Crime specialization and unemployment: an analysis of Canadian provinces.  
*Panel Chair:* Analyzing crime with a focus on employment, amenities, and social change.
- Canadian Association of Geographers, Western Division  
56th Annual Meeting, Victoria BC, Canada.  
*Presented:* Social media data, the population at risk, and spatial crime analysis.
- National Policing Research Symposium, Vancouver BC, Canada  
*Facilitator:* Governance, structure and mandate for a Canadian policing Research Network.
- 22nd Environmental Criminology and Crime Analysis Symposium  
Kerkrade, Netherlands.  
*Presented:* Social media data, the population at risk, and spatial crime analysis.
- ACCOLEDS Conference, Vancouver BC, Canada.  
*Presented:* The data liberation initiative and crime science.

2013

- Community Safety Committee, Vancouver Board of Trade.  
*Invited presentation:* The crime drop in Canada and British Columbia.

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2012

- Department of Geography, Simon Fraser University.  
*Invited presentation:* Supervised urban drug use: costs, benefits, and expansion.
- Academy of Criminal Justice Sciences 49th Annual Meeting, New York NY, USA.  
*Presented:* The impact of closed-circuit television in a car park: evidence from a victimization survey and police/insurance data.  
*Panel Chair:* Crime prevention: the impact of closed-circuit television programs on crime and fear.
- Center for Evidence-Based Crime Policy, 2012 Symposium, George Mason University.  
*Invited presentation:* Do crime patterns remain constant over time and across crime types?

2011

- Department of Geography, Simon Fraser University.  
*Invited presentation:* Testing for similarity in area-based spatial patterns using a nonparametric Monte Carlo approach: applications to the geography of crime and international trade.
- Western Society of Criminology 38th Annual Conference, Vancouver BC, Canada.  
*Presented:* Testing the stability of crime patterns: implications for theory and policy.
- Canadian Association of Geographers, Western Division, 53rd Annual Meeting, Burnaby BC, Canada.  
*Presented:* The directional behaviour of criminals in different urban forms.
- Association of American Geographers 2011 Annual Meeting, Seattle WA, USA.  
*Presented:* Spatial crime analysis and the modifiable areal unit problem.  
*Panel Chair:* Crime modeling and mapping.
- IRMACS Coast to Coast Seminar Series, Simon Fraser University.  
*Invited presentation:* The importance of spatial analysis when modeling social systems.

2009

- Western Society of Criminology 36th Annual Conference, San Diego CA, USA.  
*Presented:* Predicting local crime clusters using a local indicator of spatial association and a discrete choice model.  
*Panel Moderator:* Technical Issues in GIS.
- RCMP Pacific Region Leadership Conference, Chilliwack BC, Canada.  
*Poster Presentations:* Co-offending by age of offenders, Co-offending group size, CCTV pilot project: evaluating the impact on auto crime at the Scott Road Park and Ride in Surrey, BC.
- GeoTec Event 2009, Vancouver BC, Canada.  
*Invited presentation:* Geospatial technology and spatial crime analysis.  
*Panel Organizer:* Geospatial technology and crime analysis.

2008

- Western Society of Criminology 35th Annual Conference, Sacramento CA, USA.  
*Presented:* Testing for change in spatial point patterns: a nonparametric Monte Carlo approach.
- 17th Environmental Criminology and Crime Analysis Symposium, Anchorage AL, USA.

*Presented:* Co-offending, lone-offending, age, routine activities.

- Complex Systems Modelling Group - Modelling of Complex Social Systems, SFU.  
*Invited presentation:* Predicting local crime clusters using a local indicator of spatial association and a discrete choice model.
- Brown Bag Seminar, SFU Criminology.  
*Presented:* A cost - benefit and cost - effectiveness analysis of Vancouver's supervised injection facility.

2007

- Academy of Criminal Justice Sciences 44th Annual Meeting, Seattle WA, USA.  
*Presented:* Crime prevention and the science of where people are.
- N.I.J. Ninth Crime Mapping Research Conference, Pittsburgh PA, USA.  
*Invited presentation:* The ambient population and crime analysis.  
*Panel Moderator:* Methodology.
- Canadian Association of Geographers 56th Annual Meeting, Saskatoon SK, Canada.  
*Invited presentation:* Trade specialization and reciprocal trading relationships in Canada and the United States, 1989 and 2001.
- Ministry of Children and Family Development, Victoria BC, Canada.  
*Invited presentation:* Geography, patterns, and crime: the utility of spatial analysis and GIS.

2005

- School of Criminology, Simon Fraser University.  
*Presented:* Utilizing ambient populations: an alternative to the conventional calculation of crime rates and risk.

2004

- Centre for Canadian Studies, Simon Fraser University.  
*Presented:* The effect of North American trade liberalization on the nature of Canadian trade, 1989 - 2002.
- Institute of Asian Research, University of British Columbia.  
*Presented:* Is there a case for an East Asian region?

2003

- Canadian Association of Geographers 53rd Annual Meeting, Victoria BC, Canada.  
*Presented:* A spatial analysis of crime in Vancouver, British Columbia: a synthesis of social disorganization and routine activity theory.
- Western Society of Criminology 30th Annual Conference, Vancouver BC, Canada.  
*Presented:* The unspecified temporal criminal event: what is unknown is known with aoristic analysis and multinomial logistic regression.

2002

- Western Society of Criminology 29th Annual Conference, San Diego CA, USA.  
*Presented:* Conventional calculations of homicide rates lead to an inaccurate reflection of Canadian trends.