

**Dan O'Brien, Ph.D.**

Associate Professor, Northeastern University

Director, Boston Area Research Initiative

[d.obrien@neu.edu](mailto:d.obrien@neu.edu)**EDUCATION****Binghamton University**, Binghamton, NY, Ph.D., May 2010; Biology: Evolution, Ecology and Behavior**Oberlin College**, Oberlin, Ohio, BA, May 2004; Majors: Mathematics, Biology**EMPLOYMENT**

Fall 2018-present

Associate Professor  
School of Public Policy and Urban Affairs  
School of Criminology and Criminal Justice  
Northeastern University

Summer 2019-present

Director  
Boston Area Research Initiative  
Northeastern & Harvard Universities

Fall 2014-Summer 2018

Assistant Professor  
School of Public Policy and Urban Affairs  
School of Criminology and Criminal Justice  
Northeastern University

Fall 2016-Summer 2019

Co-Director  
Boston Area Research Initiative  
Northeastern & Harvard Universities

January 2011-Summer 2016

Research Director  
Boston Area Research Initiative  
Radcliffe Institute of Advanced Study  
Harvard University

Fall 2010-Spring 2014

Adjunct Lecturer  
Dept. of Psychology  
University of Massachusetts Boston

Summer 2010-Spring 2013

Visiting Assistant Professor  
Dept. of Biology  
Binghamton University

Associate Professor, Northeastern University  
Director, Boston Area Research Initiative  
[d.obrien@neu.edu](mailto:d.obrien@neu.edu)

## GRANTS

### External (\$5.6M total)

1. National Science Foundation program on “Human Networks and Data Science-Infrastructure.” Support for a proposal titled “Mobility Data for Communities (MD4C): Using Cell-Phone Records to Study Human Societal Dynamics.” \$935,000 (collaborative grant, Northeastern University portion, \$500,000). 2023-2025. PI, with Nigel Jacob, Sandy Pentland (MIT).
2. American Institute of Architecture. Latrobe Prize for a proposal titled, “Common SENSES: Standards for Enacting Sensor Networks for an Equitable Society.” \$100,000. 2022-2024. Co-PI, with Michelle Laboy (PI), Amy Mueller, and Moira Zellner.
3. Massachusetts State Legislature. Support for a proposal titled, “Pursuing racial equity with a public urban informatics curriculum in Boston, MA.” \$250,000. 2022. PI.
4. Herman and Frieda L. Miller Foundation. Support for a proposal titled, “Advancing civic research agenda.” \$55,975. 2022. PI, with Kimberly Lucas and David Brade.
5. Intelligence Advanced Research Projects Activity (IARPA) for a proposal titled, “Predicting the next outbreak.” \$1,200,000. 2021-2022. PI, with Nicholas Beauchamp, Ryan Qi Wang, and Babak Heydari. (Subaward from Kostas Research Institute, lead PI Cordula Robinson).
6. Herman and Frieda L. Miller Foundation. Support for a proposal titled, “Helping others use data to build back.” \$55,666. 2021. PI, with David Brade.
7. National Science Foundation RAPID program. Support for a proposal titled, “Coronavirus and Urban Neighborhoods: Infection Transmission in an Inequitable, Networked Social Context [COVID-19].” \$199,718. 2020-2021. PI, with Ryan Wang, Alina Ristea, Lee Hargraves (UMass Boston), and Russell Schutt (UMass Boston).
8. Herman and Frieda L. Miller Foundation. Support for a project titled, “Continuing to Bridge Digital Divides in Urban Informatics.” \$56,282. 2020. PI.
9. National Science Foundation Law and Social Science program. Support for a proposal titled, “Catching up the Science of Problem Properties: The Microspatial Dynamics of Crime, Disorder, and Property Management.” \$300,663. 2019-2021. PI.
10. Microsoft. Support for a proposal titled, “A Custom Geocoder for Massachusetts Addresses.” \$50,000. 2019-2020. PI.
11. Boston Schools Fund. Support for a project titled, “Improving Equitable Access to High Quality Schools in Boston: Algorithms, Choice Patterns and School Options.” \$96,137. PI, with co-PI Nancy E. Hill.
12. Herman and Frieda L. Miller Foundation. Support for a project titled, “Scaling BARI’s Data-Based Community Outreach.” \$55,514. 2019. PI.
13. Massachusetts Department of Transportation. Contract for, “Translating Data Generated by the Transit App into Insights on Transportation Use in Greater Boston.” \$300,000. 2018-2020. PI, with Justin de Benedictis-Kessner and Ryan Qi Wang.
14. City of Boston. Support for a contract titled, “Evaluating Prototypes for StreetCaster.” \$9,816. 2018. PI, with co-PI Justin de Benedictis-Kessner.

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15. Herman & Frieda L. Miller Foundation. Support for a proposal titled, "Moving Beyond the Classroom: New Mechanisms that Enable Community Organizations to Utilize Big Data." \$49,961. 2018. PI.
16. Boston Public Schools. Support for a bid titled, "Equity Analysis of the Home-Based Assignment Plan." \$56,289. 2017-2018. PI, with Nancy Hill.
17. Boston Public Schools, Lynch Foundation, The Boston Foundation. Support for a proposal titled, "Collaboration between Boston Public Schools and Boston Area Research Initiative on the Validity and Utility of the Opportunity Index." \$69,912.27. 2017. PI, with Nancy Hill.
18. Herman & Frieda L. Miller Foundation. Support for a proposal titled, "From Availability to Engagement: Transmitting the Value of 'Big' Data to the Masses." \$49,748. 2017. PI.
19. Microsoft. Support for a proposal titled, "A Geographical Infrastructure for the Analytic Study of the Commonwealth of Massachusetts." \$8,078. 2016. PI, with Armin Akhavan (graduate student).
20. Microsoft. Support for a proposal titled, "The Boston Model for Urban Data Science and Policy: A Conference Hosted by the Boston Area Research Initiative." \$15,000. 2016. PI.
21. National Science Foundation program on "Resource Implementations on Data-Intensive Research." Support for a proposal titled "Portal to Data and Analysis Tools (P→DAT): Enabling Data-Intensive Research in the Urban Sciences on Linked, Large-Scale Records." \$685,000 (collaborative grant, Northeastern University portion, \$154,548). 2017-2018. PI, with Robert J. Sampson, Christopher Winship, Mario Luis Small, David Lazer, Marta Gonzalez.
22. John D. and Catherine T. MacArthur Foundation. Support for a proposal titled, "Boston Area Research Initiative: Extending the New Urban Science." \$200,000. 2016-2017. PI, with Robert J. Sampson
23. Herman & Frieda L. Miller Foundation. Support for a proposal titled, "Helping Boston Neighborhoods to "See" Themselves in Big Data." \$49,866. 2016. PI, with Robert J. Sampson.
24. John D. and Catherine T. MacArthur Foundation. Support for a proposal titled, "The Boston Area Research Initiative: Expanding the Urban Sciences and Governance Link." \$299,969. 2014-2016. Co-PI, with Robert J. Sampson and Christopher Winship.
25. National Science Foundation program on "Building Community and Capacity for Data-Intensive Research in the Social, Behavioral, and Economic Sciences and in Education and Human Resources." Support for a proposal titled, "Catalyzing a Cross-Disciplinary, Cross-University Urban Research Agenda in the Age of Digital Data." \$490,000. 2013-2015. Co-PI, with Robert J. Sampson, Christopher Winship, David Lazer, Nancy Hill, and Judith Grant Long.
26. 2008-2009 Department of Environmental Conservation "Environmental Justice Grant" (applied with Scott Barvainis under the auspices of the non-profit organization VINES). For the creation of two community gardens in disadvantaged neighborhoods. \$39,000.

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Internal (\$800K total)

1. Matching funds for American Institute of Architecture's Latrobe Prize for, "Common SENSES: Standards for Enacting Sensor Networks for an Equitable Society." \$83,127. 2022-2024. Co-PI, with Michelle Laboy (PI), Amy Mueller, and Moira Zellner.
2. Northeastern University Tier 1 program. Support for a proposal titled, "Digital Cities Research Network." \$44,145. 2020-2021. PI, with Patrick Yott and Oliver Ayers.
3. Northeastern University COVID-19 Crisis Seed Funding program. Support for a proposal titled, "COVID in Boston: A Database for Research and Teaching." \$32,297. 2020-2021. PI, with Babak Heydari.
4. Northeastern University COVID-19 Crisis Seed Funding program. Support for a proposal titled, "Decision Support in Combatting the Virus." \$21,659. 2020-2021. Co-PI, with Cordula Robinson and Nick Beauchamp.
5. Northeastern University Tier 1 program. Support for a proposal titled, "Modeling and evaluation of interdependencies in platform-based markets." \$50,000. 2019-2020. Co-PI, with Yakov Bart, Hilary Robinson, Rashmi Dyal-Chand, and Babak Heydari.
6. Northeastern University Tier 1 program. Support for a proposal titled, "Mapping the cradle-to-prison pipeline in Boston." \$50,000. 2019-2020. Co-PI, with Susan Maze-Rothstein and Tad Hirsch.
7. Northeastern University Global Resilience Institute Seed Grant Program. Support for a proposal titled, "Developing a Social Media-Based Methodology for Measuring and Observing the Social Resilience of Communities." \$64,221. 2018-2020. PI, with Ryan Qi Wang and Alan Mislove.
8. Northeastern University Global Resilience Institute Seed Grant Program. Support for a proposal titled, "Resilience Media: Reporting on Coastal Cities and Climate Change." \$107,278. 2018-2020. Co-PI, with Matthew Nisbet (PI) and John Wihbey.
9. Northeastern University Tier 1 Program. Support for a proposal titled, "A Temperature Sensor Network to Study Public Health and Community Resilience Impacts of Heat Waves at Micro-Spatial Levels in the Town of Brookline." \$50,000. 2017-2018. Co-PI, with Aatmesh Shrivastava, Jennie Stephens, Auroop Ganguly, Brain Helmuth, and Mark Patterson.
10. College of Social Sciences and Humanities. Support for the Boston Area Research Initiative. ~\$175,000. 2016-2018. PI.
11. College of Social Sciences and Humanities Doctoral Enhancement. Support for a proposal titled, "Measuring Social Dynamics through Community Center Attendance Records in Boston." \$5,000. 2014. PI
12. Harvard Initiative for Learning and Teaching. Support for a course titled "Exploring Community Differences Using Spatial Data." \$12,000. 2012. Co-PI with Christopher Winship.
13. Harvard Medical School's Catalyst Program "Algorithm Development through Crowdsourcing." Provided access to a computer science community to explore the problem "Identifying Factors that Predict Future Neighborhood Health Concerns." Services rendered, award posted for best analytical program produced. 2011.

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14. Department of Biological Sciences Travel Award. To present “‘Evolution for Everyone’: A course that brings Darwin’s theory to the masses at the Human Behavior & Evolution Society Conference.” \$500. 2009.

**PUBLICATIONS** (1,374 total citations, H-index = 21; Student authors in bold, \*-corresponding non-first author)

#### Books

1. *Urban Informatics: Using Big Data to Understand and Serve Communities*. In press at Chapman / CRC Press (a Taylor-Francis imprint)
2. *The Urban Commons*. 2018. Harvard University Press
  - Winner of the Dennis Judd Best Book Award from the American Political Science Association’s Urban & Local Politics Section.

#### Peer-Reviewed Journal Articles, Conference Proceedings, and Chapters

##### *In Press*

1. O’Brien, D.T., Ciomek, A. Whence the action? The persistence and aggravation of violent crime at addresses, streets, and neighborhoods. In press at *Journal of Research in Crime and Delinquency*.
2. **Dass, S.**, Ristea, A., O’Brien, D.T.\* Strategies and inequities in balancing recreation and COVID exposure when visiting green spaces. In press at *Environment and Planning B: Urban Analytics and City Science*.
3. O’Brien, D.T. “Big data” and evidence-based policy: The advantages, challenges, and long-term potential of naturally occurring data. In press as part of *The Oxford Handbook of Evidence-Based Crime and Justice Policy*.
4. O’Brien, D.T., Ristea, A., **Hangen, F.**, **Tucker, R.** Different Places, Different Problems: Profiles of Crime and Disorder at Residential Parcels. In press at *Crime Science*.
5. **Hangen, F.**, O’Brien, D.T. The Choice to Discriminate: How Source of Income Discrimination Constrains Opportunity for Housing Choice Voucher Holders. In press at *Urban Affairs Review*.
6. Ristea, A., **Tucker, R.**, **You, S.**, **Amiri, M.**, Beauchamp, N., **Castro, E.**, **Chen, Q.**, **Ciomek, A.**, **Das, B.** de Benedictis-Kessner, J., **Gibbons, S.**, **Hangen, F.**, **Montgomery, B.**, **Papadopoulos, P.**, Robinson, C., **Sheini, S.**, **Shields, M.**, **Shu, X.**, **Wood, M.**, Heydari, B., O’Brien, D.T.\* A Multisource Database Tracking the Impact of the COVID-19 Pandemic on the Communities of Boston, MA, USA. In press at *Nature Scientific Data*.
7. Wang, P., Lee, M., **Hangen, F.**, O’Brien, D.T., Tang, X. Social justice and technical efficiency: the role of digital technology in Boston’s 311 system. In *Proceedings of the European Conference on Information Systems*.
8. O’Brien, D.T., Ristea, A., **Tucker, R.**, **Hangen, F.** The emergence and evolution of problematic properties: onset, persistence, aggravation, and desistance. In press at *Journal of Quantitative Criminology*. 10.1007/s10940-022-09542.

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9. O'Brien, D.T., **Ciomek, A., Tucker, R.** How and why is crime more concentrated in some neighborhoods than others?: A new dimension in community crime. In press at *Journal of Quantitative Criminology*. 10.1007/s10940-021-09495-9.
10. O'Brien, D.T., **Ke, L., Heydari, B.** How the sharing economy is reshaping the dynamics of neighborhoods: A theoretical presentation and a test case. In press in an edited volume on *Engineering Sharing*.

2021

11. O'Brien, D.T., Hill, N.E., Contreras, M. Community Violence and Academic Achievement: High-Crime Neighborhoods, Hotspot Streets, and the Geographic Scale of "Community". 2021. *Public Library of Science One*. **16**: e0258577.
12. **Tucker, R., O'Brien, D.T., Ciomek, A., Castro, E., Wang, Q., Phillips, N.E.** 2021. Who 'tweets' where and when, and how does it help understand crime rates at places? Measuring the presence of tourists and commuters in ambient populations. *Journal of Quantitative Criminology*. **37**: 333-359.
13. **Ke, L., O'Brien, D.T., Heydari, B.** 2021. Airbnb and neighborhood crime: The incursion of tourists or the erosion of local social dynamics? *Public Library of Science*. **16**: e0253315.
14. **Wang, Y., Ristea, A., Amiri, M., Dooley, D., Gibbons, S., Grabowski, H., Hargraves, J. L., Kovacevic, N., Roman, A., Schutt, R. K., Gao, J., Wang, Q.\*, O'Brien, D. T.\*** 2021. Vaccination intentions generate racial disparities in the societal persistence of COVID-19. *Scientific Reports*. **11**: 19906.

2020

15. O'Brien, D.T., **Gridley, B., Trlica, A., Wang, J., Shrivastava, A.** 2020. Urban heat islets: Street segments with higher land surface temperatures experience a greater increase in medical emergencies during heat advisories. *American Journal of Public Health*. **110**: 994-1001.

2019

16. O'Brien, D.T., **Farrell, C. & Welsh, B.** 2019. Looking through 'broken windows:' The impact of neighborhood disorder on aggression and fear of crime is an artifact of research design. *Annual Review of Criminology*. **2**: 53-71.
17. O'Brien, D.T., **Farrell, C. & Welsh, B.** 2019. Broken (windows) theory: A meta-analysis of the evidence for the pathways from neighborhood disorder to resident health outcomes and behaviors. *Social Science & Medicine*. **228**: 272-292.
18. O'Brien, D.T. 2019. The action is everywhere, but greater at more localized spatial scales: Comparing concentrations of crime across addresses, streets, and neighborhoods. *Journal of Research in Crime and Delinquency*. **56**: 339-377.
19. **Fatehkia, M., O'Brien, D.T., Weber, I.** 2018. Correlated impulses: Using Facebook interests to improve predictions of crime rates in urban areas. *PLoS One*. **14**: e0211350.

2018

20. O'Brien, D.T. 2018. Big data and the study of communities and crime. *Oxford Research Encyclopedia on Crime*. DOI: 10.1093/acrefore/9780190264079.013.318.

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2017

21. O'Brien, D.T., Offenhuber, D., Baldwin-Philippi, J., **Sands, M.**, & Gordon, E. 2017. Uncharted territoriality in coproduction: The motivations for 311 reporting. *Journal of Public Administration Research & Theory*, **27**, 320-335.
  - *Honorable Mention for the annual Beryl Radin Award for best article published in JPART.*
22. O'Brien, D.T. & Winship, C. 2017. The gains of greater granularity? The presence and persistence of problem properties in urban neighborhoods. *Journal of Quantitative Criminology*, **33**, 649-674.

2016

23. O'Brien, D.T. 2016. Lamp lighters and sidewalk smoothers: How individual residents contribute to the maintenance of the urban commons. *American Journal of Community Psychology*, **58**, 391-409.
24. O'Brien, D.T. 2016. Using Small Data to Interpret Big Data: 311 Reports as Individual Contributions to Informal Social Control in Urban Neighborhoods. *Social Science Research*, **59**: 83-96.
25. O'Brien, D.T. 2016. 311 hotlines, territoriality, and the collaborative maintenance of the urban commons: Examining the intersection of a coproduction policy and evolved human behavior. *Evolutionary Behavioral Sciences*, **10**: 123-141.

2015

26. O'Brien, D.T., Sampson, R.J. 2015. Public and Private Spheres of Neighborhood Disorder: Assessing Pathways to Violence Using Large-Scale Digital Records. *Journal of Research in Crime and Delinquency*, **52**: 486-510.
27. O'Brien, D.T., Sampson, R.J., Winship, C. 2015. Econometrics in the age of big data: Measuring and assessing "broken windows" using administrative records. *Sociological Methodology*, **45**: 101-147.
28. O'Brien, D.T., **Montgomery, B.** 2015. The other side of the broken window: A methodology that translates building permits into an econometric of investment by community members. *American Journal of Community Psychology*, **55**: 25-36.
29. O'Brien, D.T. 2015. Custodians and custodianship in urban neighborhoods: A methodology using reports of public issues received by a city's 311 hotline. *Environment & Behavior*, **47**: 304-327.

2014

30. O'Brien, D.T., Gordon, E., Philippi-Baldwin, J. 2014. Caring about the community, counteracting disorder: 311 reports of public issues as expressions of territoriality. *Journal of Environmental Psychology*, **40**: 320-330.
31. O'Brien, D.T., **Norton, C.**, **Cohen, J.**, Wilson, D.S. 2014. Cultural variation in community perception: Local adaptation and the interpretation of disorder. *Environment and Behavior*, **46**: 213-240.

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32. O'Brien, D.T. 2014. An evolutionary model of the environmental conditions that shape the development of prosociality. *Evolutionary Psychology*, **12**: 1-16.

2013

33. O'Brien, D.T., Kauffman, R. 2013. Broken windows and low adolescent prosociality: Not cause and consequence, but co-symptoms of low collective efficacy. *American Journal of Community Psychology*, **51**: 359-369.
34. O'Brien, D.T., Gallup, A.C., Eldakar, O.T. 2013. Who can afford to punish? Individuals with greater resource access are more likely to punish non-cooperators. *Journal of Social, Evolutionary, and Cultural Psychology*, **7**: 3-11.

2012

35. O'Brien, D.T. 2012. Getting to know your neighbors: Introducing evolutionary psychology to urban research-policy collaborations. *Journal of Social, Evolutionary and Cultural Psychology*, **6**: 329-343.
36. O'Brien, D.T. 2012. Managing the urban commons: The relative influence of individual and social incentives on the treatment of public space. *Human Nature*, **23**: 467-489.
37. O'Brien, D.T., Gallup, A.C., Wilson, D.S. 2012. Residential mobility and prosocial development within a single city. *American Journal of Community Psychology*, **50**: 26-36.

2011

38. O'Brien, D.T., Wilson, D.S. 2011. Community Perception: The ability to assess the safety of unfamiliar neighborhoods and respond adaptively. *Journal of Personality and Social Psychology*, **100**: 606-620.
39. O'Brien, D.T., Gallup, A.C. 2011. Using Tinbergen's 4 questions (plus 1) in evolution education for human-oriented disciplines. *Evolution, Education and Outreach*, **4**:107-113.
40. O'Brien, D.T. 2011. A module for teaching multilevel selection. *The Journal of the Evolutionary Studies Consortium*, **3**: 12-23.
41. Gallup, A.C., O'Brien, D.T., Wilson, D.S. 2011. Intrasexual peer aggression and dating behavior during adolescence: an evolutionary perspective. *Aggressive Behavior*, **37**: 258-267.

2010

42. O'Brien, D.T. 2010. Sociality in the city: Using biological principles to explore the relationship between high population density and social behavior. In *Advances in Sociology Research: Vol. 8*. Ed. Jared Jaworski. Hauppauge, NY: Nova Publishers: 203-216.
43. O'Brien, D.T., Wilson, D.S. 2010. Using 'Evolution for Everyone' as a guide for new general education courses in evolution. *The Journal of the Evolutionary Studies Consortium*, **2**: 1-11.



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44. Gallup, A.C., O'Brien, D.T., Wilson, D.S. 2010. Involvement in peer aggression during high school reduces cooperative behavior during college: An explorative study. *Journal of Social, Evolutionary and Cultural Psychology*, **4**: 277-289.
45. O'Brien, D.T., Geher, G., Gallup, A.C., Garcia, J.R., Kaufman, S.B. 2010. Mating intelligence survey predicts sexual behavior: Empirical validation of a theoretical construct. *Imagination, Cognition and Personality*, **29**: 341-362.
46. Gallup, A.C., O'Brien, D.T., White, D.D., Wilson, D.S. 2010. Handgrip strength and socially dominant behavior in male adolescents. *Evolutionary Psychology*, **8**: 229-243.

2009

47. Wilson, D.S., O'Brien, D.T., Sesma, A. 2009. Human prosociality from an evolutionary perspective: Variation and correlations at a city-wide scale. *Evolution & Human Behavior*, **30**: 190-200.
48. Wilson, D.S., O'Brien, D.T. 2009. Evolutionary theory and cooperation in everyday life. In *Games, Groups and the Global Good*. Ed. Simon Levin. New York; Springer: 155-168.
49. O'Brien, D.T., Wilson, D.S., Hawley, P.H. 2009. "Evolution for Everyone": A course that expands Darwin's theory beyond the biological sciences. *Evolution Education and Outreach*, **2**: 445-457.

2008

50. Gallup, A.C., O'Brien, D.T., White, D.D., Wilson, D.S. 2008. Peer victimization in adolescents has different effects on the sexual behavior of males and females. *Personality & Individual Differences*, **46**: 611-615.

Non-Peer-Reviewed Commentaries, Editorials, and Policy Briefs

2020

1. O'Brien, D.T., Schutt, R., Hargraves, L., Dooley, D., Fowler, F., Wang, Q., Ristea, A., Roman, A., **Amiri, M., Gibbons, S., Grabowski, H., Kovacevic, N.** *Living in Boston during COVID-19: Inequities in Navigating a Pandemic*. Released through the Boston Area Research Initiative and SSRN ([https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3742887](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3742887)).
2. O'Brien, D.T., Schutt, R., Hargraves, L., Dooley, D., Fowler, F., Wang, Q., Ristea, A., Roman, A., **Amiri, M., Gibbons, S., Grabowski, H., Kovacevic, N.** *Living in Boston during COVID-19: Fear and Ambivalence*. Released through the Boston Area Research Initiative and SSRN ([https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3756516](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3756516)).
3. Schutt, R., O'Brien, D.T., Hargraves, L., Dooley, D., Fowler, F., Wang, Q., Ristea, A., Roman, A., **Amiri, M., Gibbons, S., Grabowski, H., Kovacevic, N.** *Living in Boston during COVID-19: Economic Strains*. Released through the Boston Area Research Initiative and SSRN ([https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3742887](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3742887)).
4. O'Brien, D.T., Schutt, R., Hargraves, L., Dooley, D., Fowler, F., Wang, Q., Ristea, A., Roman, A., **Amiri, M., Gibbons, S., Grabowski, H., Kovacevic, N.** *Living in Boston during COVID-19: Lifestyle, Ideology, and Context Drive Attitudes*. Released through the

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Boston Area Research Initiative and SSRN

[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3756526](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3756526)).

5. **Hangen, F.**, O'Brien, D.T., Philbrick, S., Reardon, T. *Evictions and COVID-19: The Responsibility of the Large Landlord*. Released through the Boston Area Research Initiative (<https://cssh.northeastern.edu/bari/wp-content/uploads/sites/30/2020/12/Eviction-Brief-BARI-MAPC.pdf>).

2019

6. O'Brien, D.T., Farrell, C., Welsh, B. C. 2019. How broken windows do—and do not—matter. Policy Brief through the Scholars Strategy Network.

2018

7. O'Brien, D.T. 2018. How public data can improve services and empower communities. Policy Brief through the Scholars Strategy Network.

2017

8. Olderbak, S., Randall, A.K., & O'Brien, D. 2017. Committed romantic relationships: Integrating evolutionary and relationship science. *Evolutionary Behavioral Sciences*, **11**: 103-105.

2016

9. O'Brien, D.T., Offenhuber, D., Baldwin-Phillipi, J., Sands, M., Gordon, E. 2016. How citizen attachment to neighborhoods helps to improve municipal services and public spaces. Policy Brief through the Scholars Strategy Network.

2015

10. O'Brien, D. & Sampson, R.J. 2015. How to navigate the data deluge: Econometrics and the case for the urban social sciences. *The Cities Papers*. The Social Science Research Council: <http://citiespapers.ssrc.org/how-to-navigate-the-data-deluge-econometrics-and-the-case-for-the-urban-social-sciences/>.
11. O'Brien, D.T. 2015. Disorder perception is the adaptive interpretation of social cues, not just a sensitivity to randomness: Response to Kotabe (2014). *Frontiers in Psychology- Personality and Social Psychology*, doi: 10.3389/fpsyg.2015.00124.

2014

12. Tybur, J.M. & O'Brien, D.T. 2014. The behavioral immune system: Taking stock and charting new directions. Introduction to the Special Issue on the Behavioral Immune System. *Evolutionary Behavioral Sciences*, **8**: 223-225
13. O'Brien, D.T. 2014. Editorial. Introduction to the first volume of *Evolutionary Behavioral Sciences*. *Evolutionary Behavioral Sciences*, **8**: 1-2.

2013

14. O'Brien, D.T. 2013. Introducing *Evolutionary Behavioral Sciences*. *Journal of Social, Evolutionary, and Cultural Psychology*, **7**: 196.

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Published Datasets (Organized by Dataverse where appropriate, nested within the Boston Area Research Initiative's Boston Data Portal, supported by the Institute for Quantitative Social Science's Dataverse Network; 18,732 total downloads)

1. Zoorob, M., Ristea, A., **Sheini, S.**, O'Brien, D.T. 2020. Geographical Infrastructure for the City of Boston v. 2021. <https://doi.org/10.7910/DVN/ZHTMIW> (116 downloads)
2. Boston Area Research Initiative. 2020. COVID in Boston Database User Guide. <https://doi.org/10.7910/DVN/TDKDJJ> (317 downloads)
3. Ristea, A., Beauchamp, N., Robinson, C., Wood, M., O'Brien, D. 2021. COVID-19 Weekly and Daily Cases by Town in Massachusetts v. 2021. <https://doi.org/10.7910/DVN/XSTSXY> (217 downloads)
4. **Gibbons, S., Castro, E., Papadopoulos, P., Tucker, R.**, O'Brien, D.T. 2020. Places of Interest. <https://doi.org/10.7910/DVN/V2UTWH> (274 downloads)
5. **Das B.**, Ristea, A. O'Brien, D.T. 2020. Food Inspection Violations in Boston, MA. <https://doi.org/10.7910/DVN/6MUQKX> (323 downloads)
6. **Chen, Q., Tucker, R.**, O'Brien, D.T. 2020. Yelp Reviews in Boston, MA. <https://doi.org/10.7910/DVN/DMWCBT> (1226 downloads)
7. **Amiri, M., Tucker, R.**, O'Brien, D.T. 2020. Airbnb in Greater Boston, MA. <https://doi.org/10.7910/DVN/GXLZXF> (477 downloads)
8. **Castro, E., Amiri, M., Tucker, R.**, O'Brien, D.T. 2020. Craigslist Postings in Massachusetts. <https://doi.org/10.7910/DVN/52WSPT> (358 downloads)
9. Ristea, A., **Sheini, S.**, O'Brien, D.T. 2020. Geographical Infrastructure for the City of Boston v. 2020. <https://doi.org/10.7910/DVN/W0V6FX> (339 downloads)
10. Ristea, A., **Hangen, F.**, O'Brien, D.T. 2020. Code and Property Violations in Boston, MA. <https://doi.org/10.7910/DVN/TD9YOY> (253 downloads)
11. **Das B.**, Ristea, A. O'Brien, D.T. 2020. CityScore from Boston, MA. <https://doi.org/10.7910/DVN/HRPNBQ> (133 downloads)
12. **Sheini, S., Shields, M.**, Ristea, A., O'Brien, D.T. 2020. Property Assessment Data for Boston, MA v. 2020. <https://doi.org/10.7910/DVN/O2ADLG> (653 downloads)
13. **Sheini, S., Montgomery, B.**, de Benedictis-Kessner, J., O'Brien, D.T. 2018 (annual updates through 2020). Building Permits (City of Boston). <https://doi.org/10.7910/DVN/B7DHBK>. (2725 downloads)
14. O'Brien, D.T., **Ciomek, A., Tucker, R.** 2019 (annual updates through 2020). Massachusetts Census Indicators. <https://doi.org/10.7910/DVN/XZXAUP>. (2258 downloads)
15. **Shields, M., Sheini, S.**, de Benedictis-Kessner, J., O'Brien, D.T. 2019. Property Assessments (City of Boston) v. 2019. <https://doi.org/10.7910/DVN/YVKZIG>. (324 downloads)
16. O'Brien, D.T., Philips, N.E., **Sheini, S.**, de Benedictis-Kessner, J., Ristea, A., **Tucker, R.** 2019. Geographical Infrastructure for the City of Boston v. 2019. <https://doi.org/10.7910/DVN/WOT075>. (177 downloads)
17. **Ciomek, A.**, O'Brien, D.T. 2019. Boston 911 Calls. <https://doi.org/10.7910/DVN/XTEJRE>. (2348 downloads)

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18. **Shields, M.**, O'Brien, D.T., de Benedictis-Kessner, J. 2018. Property Assessments (City of Boston) v. 2018, <https://doi.org/10.7910/DVN/UWTO4E>. (285 downloads)
19. O'Brien, D.T., Philips, N.E., de Benedictis-Kessner, J., **Shields, M.**, **Sheini, S.** 2018 Geographical Infrastructure for the City of Boston v. 2018. <https://doi.org/10.7910/DVN/O5IDHY>. (641 downloads)
20. Injury Control Research Center; Boston Area Research Initiative. 2017. Boston Neighborhood Survey. <https://doi.org/10.7910/DVN/SE2CIX>. (1529 downloads)
21. O'Brien, D., **Gomory, H.** 2017. Geographical Infrastructure for the City of Boston v. 2017 Dataverse. <https://doi.org/10.7910/DVN/RUFJC7>. (392 downloads; 169 since re-categorization)
22. O'Brien, D., **Gomory, H.** 2016. Geographical Infrastructure for the City of Boston v. 2015. <https://doi.org/10.7910/DVN/PQS3DH>. (593 downloads; 105 since re-categorization)
23. O'Brien, D.. 2016. 311 Requests. <https://doi.org/10.7910/DVN/CVKM87>. (855 downloads)
24. O'Brien, D. 2013. Requests for City Services in Boston, MA (3/2010-6/2012). <https://doi.org/10.7910/DVN/8ENAUU>. (142 downloads)
25. O'Brien, D. 2012. Neighborhood Blight and Building. <https://doi.org/10.7910/DVN/YM42WO>. (219 downloads)
26. **Lopez, D.**, Cheevers, M., Stidman, P., O'Brien, D. 2014. Bicycle Collisions in Boston, MA (2009-2012). <https://doi.org/10.7910/DVN/24713>. (603 downloads)
27. O'Brien, D., **Blackburn, M.** 2016. Commonwealth Connect. <https://doi.org/10.7910/DVN/OTOTZQ>. (264 downloads; 102 since re-categorization)
28. Geographical Infrastructure for the City of Boston v. 2010 Dataverse (691 downloads; since deprecated)

### Invited Lectures

#### *2021*

1. Panelist on Gun Violence in Communities across the U.S.A., part of 9<sup>th</sup> Annual Juvenile Violence Conference. Broward County Crime Commission, Broward County, FL, December 2021. (Virtual)
2. Inequities in Navigating a Pandemic. Human Dynamics Group, MIT Media Lab, Cambridge, MA, October 2021.
3. The Pointillistic City. Keynote address for BranchPattern annual corporate conference. July 2021. (Virtual)
4. Community-Oriented Urban Informatics from Pre- to Post-COVID. Impacting Science, Northeastern University, Boston, MA, September 2021.
5. Panelist on Data Driven Decision Making. Webinar series on Strategies for Success in Local Government, University of Southern Maine, Portland, ME, April 2021. (Virtual)
6. Inequitable Consequences of Uneven Vaccination Intentions. COVID Commons, NSF Northeast Big Data Hub, New York, NY, April 2021. (Virtual)
7. Urban Informatics: Pre- and Post-COVID. Center for Urban Science and Progress, New York University, New York, NY, February 2021. (Virtual)

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8. Introduction to the Boston Area Research Initiative. Digital Cities Research Network, Northeastern University, Boston, MA, February 2021.

*2020*

9. The Urban Commons. Keynote at conference on City-University Partnerships in Toronto, York University and Toronto City Hall, Toronto, ON, November 2020. (Postponed after invitation).
10. Panelist on The Impact of Data. Living Tomorrow Conference, SwissNex Boston (Consulate of Switzerland), Boston, MA, November 2020. (Virtual)
11. A Data Support System for a Pandemic. Faculty Works-in-Progress, College of Social Sciences and Humanities, Northeastern University, Boston, MA, October 2020. (Virtual)
12. Panelist on Carrying on During COVID-19: Changing Environment Strategies. Speaker series on COVID-19 Response, MetroLab Network, Washington, D.C., May 2020. (Virtual)
13. Moderator, panel on The Other Impacts of Corona. Annual Conference of the Boston Area Research Initiative, Boston, MA, April 2020. (Virtual)
14. The Urban Commons. EvoS Seminar, Binghamton University, Binghamton, NY, March 2020.

*2019*

15. Urban Informatics and Data-Driven Policy in Portland, ME. Data Innovation Project, University of Southern Maine, Portland, ME, October 2019.
16. Big data and social science (two-lecture workshop). Global Sustainability Summer School, Santa Fe Institute, Santa Fe, NM, July 2019.
17. Urban informatics and incorporating data into policy. Changemakers Summit, Lead 4 America, Tufts University, Medford, MA, July 2019.
18. Incorporating equity into data-driven research and policy. Union of Concerned Scientists, Cambridge, MA, March 2019.
19. The urban commons: Learning with and from the City of Boston's 311 system. Data Innovation Project, University of Southern Maine, Portland, ME, October 2019.
20. The urban commons: Learning with and from the City of Boston's 311 system. Open Classroom, Northeastern University-Seattle Campus, Seattle, WA, June 2019.
21. The urban commons: Learning with and from the City of Boston's 311 system. Mansueto Institute on Urban Innovation, University of Chicago, Chicago, IL, May 2019.
22. Naturally-Occurring Records—A Window into the Pulse of the City. Meeting of DARPA's Microsystems Exploratory Council, Center for Urban Science and Progress, New York University, New York, NY, May 2019.
23. The urban commons: Learning with and from the City of Boston's 311 system. Initiative on Cities, Boston University, Boston, MA, March 2019.
24. Social Impacts & Equity. SHARE Conference, Northeastern University, Boston, MA, March 2019.
25. Equity in the age of algorithms: Leveraging data to advance society. Myra Kraft Open Classroom, School of Public Policy and Urban Affairs, Northeastern University, Boston, MA, February 2019.

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26. The urban commons: Learning with and from the City of Boston's 311 system. Criminology and Criminal Justice Graduate Student Association Weekly Seminar, Northeastern University, Boston, MA, February 2019.
27. Leveraging data to advance research, policy and practice. Conference on "Climate Change / Crisis / Creativity" at the NULab for Maps, Texts, and Networks, Northeastern University, Boston, MA, February 2019.
28. The urban commons: Learning with and from the City of Boston's 311 system. School of Public Policy and Management, Carnegie-Mellon University, Pittsburgh, PA, January 2019.
29. The urban commons: Learning with and from the City of Boston's 311 system. *Datafest* conference, Institute for Quantitative Social Science, Harvard University, Cambridge, MA, January 2019.

**2018**

30. Marrying Scholarship and Policy in the Digital Age: Illustrations from the Boston Area Research Initiative. School of Public Policy and Urban Affairs, Northeastern University, Boston, MA, September 2018.
31. Assessing Improvements In Equity And Access To High Quality School: An Evaluation of Boston Public schools' Home-Based Assignment Policy. Harvard Graduate School of Education, Harvard University, Cambridge, MA, September 2018.
32. Catalyzing Research-Policy Collaborations with Urban Informatics: The Case of 311 and Custodianship in the Urban Commons. Public Policy Seminar Series, University of Massachusetts Boston, Boston, MA, February 2018.

**2017**

33. Custodianship in the urban commons. Social Sciences Librarians Boot Camp, Tufts University, Medford, MA, June 2017.
34. Civic technology and smart city design. *Facades+*, a conference hosted by *The Architect's Newspaper* at Massachusetts Institute of Technology, Cambridge, MA, June 2017.
35. Equity in civic technology. As part of a panel on "The Ethics of Smart Cities" at Making 'Smart Cities' Smarter, a summit hosted by the Boston Area Research Initiative, Northeastern University, Boston, MA, May 2017.
36. Smart Cities or cities being smart? As part of keynote panel on "Data & Society: Boston in the National Context" at Data-Driven Research, Policy, & Practice: Lessons from Boston, for Boston, a conference hosted by the Boston Area Research Initiative, Northeastern University, Boston, MA, March 2017.

**2016**

37. Using "big" data to observe the process of gentrification in the modern city. As part of a panel on "Defining and Measuring Gentrification," hosted by the Joint Center for Housing Studies, Harvard University, Cambridge, MA, November 2016.

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38. Two lectures at the Global Sustainability Summer School. Santa Fe Institute, Santa Fe, NM, July 2016.
39. Coproduction and human motivations. The Myra Kraft Open Classroom, Northeastern University, Boston, MA, April 2016.

*2015*

40. Econometrics in the age of big data. At "Tackling the Urban Core Puzzle," Northeastern University Law School, Boston, MA, October 2015.
41. Division of labor in the maintenance of the urban commons. Institute for Applied Computational Science seminar, Harvard University, Cambridge, MA, October 2015.
42. Econometrics in the age of big data: Novel uses of data to characterize city neighborhoods. At "Reimagining Health in Cities: New Directions in Urban Health Research and Action", Drexel University, Philadelphia, PA, September 2015.
43. "Seeing" neighborhood conditions through administrative data: A research-policy partnership in Boston, MA. At "Data to Insights", MIT CSAIL, Cambridge, MA, May 2015.
44. 311 hotlines and the maintenance of the urban commons: Examining the intersection of policy and the evolved human animal. Evolutionary Studies Seminar Series, State University of New York New Paltz, New Paltz, NY, March 2015.

*2014*

45. Tracking neighborhood characteristics with administrative data: A research-policy partnership in Boston, MA. At "Understanding and Improving Cities: Policy/Research Partnerships in the Digital Age", Boston, MA, December 2014.
46. Tracking neighborhood characteristics with administrative data: A research-policy partnership in Boston, MA. At "Acting Locally, Understanding Globally", Santa Fe, NM, November 2014.
47. 311 hotlines and the maintenance of the urban commons: Examining the intersection of policy and the evolved human animal. David A. Walsh '67 Arts and Seminar Series, Clarkson University, Potsdam, NY, October 2014.
48. Studying urban inequality and neighborhood variation in the age of big data. Malcolm Wiener Inequality & Social Policy Seminar Series, Harvard University, Cambridge, MA, April 2014.
49. Collective efficacy in the neighborhoods of Boston, MA. Evolutionary Studies Seminar Series, Binghamton University, Binghamton, NY, February 2014.
50. The econometrics of broken windows in the digital age. At the annual meeting of the American Association for the Advancement of Science in Chicago, IL, February 2014.

*2013*

51. The econometrics of broken windows in the digital age. At "Reimagining Broken Windows: From Theory to Policy," a workshop at the Netherlands Institute for the Study of Crime and Law Enforcement, October 2013.
52. The Boston Area Research Initiative. At GK12 Workshop, a summer program at Boston University, August 2013.

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53. Leveraging territoriality to maintain Boston's neighborhoods. Keynote, Applied Evolutionary Psychology Society. At annual conference of the NorthEastern Evolutionary Psychology Society, Lebanon Valley College, June 2013

*2010*

54. Evolution & Disorder: Indicators of Neighborhood Health and Our Ability to Interpret Them. Health Seminar Series, Lebanon Valley College, October 2010.
55. Binghamton University's Evolutionary Studies Program: Using cutting-edge evolutionary research to improve education. SAR Planning Meeting, Science Teachers Association of New York, Inc., Union-Endicott High School, Endicott, NY, April 2010.

Oral Conference Presentations*2022*

1. In search of Social Justice: The role of digital technology in a government information system. Academy of Management, Seattle, WA, August 2022. (Co-author; presentation by Myeong Lee)

*2021*

2. Author Meets Critics: *The Urban Commons*. American Society for Criminology, Chicago, IL, November 2021.
3. The "Life Course" of Problem Properties: Onset, Persistence, Aggravation, and Desistance in Crime and Disorder. American Society for Criminology, Chicago, IL, November 2021. With Alina Ristea, Riley Tucker, and Forrest Hangen.
4. Who, When, Where: Using Twitter to Assess Characteristics and Criminogenic Dynamics of Ambient Populations. American Society for Criminology, Chicago, IL, November 2021. Co-author with Riley Tucker.
5. Panelist on Training the Next Generation of Public Servants with Novel Approaches to Civic Engagement. Annual conference of Network of Schools of Public Policy, Affairs, and Administration (NASPAA), Virtual, October 2021.

*2020*

6. Trajectories of problem properties. American Society for Criminology, Washington, D.C., November 2020. With Alina Ristea. (Accepted, conference cancelled)
7. Does Airbnb Encourages Crime? Evidence from Boston neighborhoods. International Conference for Computational Social Science, July 2020. Co-author with **Laiyang Ke** and Babak Heydari. (Virtual)



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8. Typologies of crime and disorder at the property level in Boston, MA. Annual Conference of the Boston Area Research Initiative, Boston, MA, April 2020. Co-author, with Alina Ristea. (Virtual)

*2019*

9. Multilevel trajectories of crime at places. American Society for Criminology, Atlanta, GA, November 2018.
10. The future of urban science. Annual Summit of the MetroLab Network, Newark, NJ, October 2018.
11. Regionalizing urban informatics. Annual Summit of the MetroLab Network, Newark, NJ, October 2018.
12. Understanding the urban commons. Annual Conference of the NorthEastern Evolutionary Psychology Society, Boston, MA, June 2019.
13. Learning about Development in the Region: An Attempt to Coordinate Data across Municipalities. Annual Conference of the Boston Area Research Initiative, Massachusetts State House, Boston, MA, April 2019. With **Saina Sheini**.

*2018*

14. The Action is Everywhere, but Greater at More Localized Spatial Scales: Disentangling Concentrations of Crime at Addresses from Streets and Neighborhoods. American Society for Criminology, Atlanta, GA, November 2018.
15. Algorithmic Solutions to Social Services? Evaluating how Data-Driven Policies Best Enhance Effectiveness and Equity. Annual Conference of Association for Public Policy Analysis and Management, Washington, D.C., November 2018.
16. Evaluation of the Home-Based Assignment Plan. Annual Summit of the MetroLab Network, Newark, NJ, October 2018.
17. The Role of Microplaces in the Urban Landscape: The Case of the Distribution and Consequences of Violent Crime. International Conference on Computational Social Science, Northwestern University, Chicago, IL, July 2018.

*2017*

18. The Boston Public Schools Opportunity Index. MetroLab Network Conference, Atlanta, GA, December 2017.
19. Interpreting 311 Reports: Why Do People Contribute to the Maintenance of the Urban Commons? Association for Public Policy Analysis & Management Conference on "Measurement Matters: Better Data for Better Decisions." Chicago, IL, November, 2017.

*2016*

20. O'Brien, D.T. & Sampson, R.J. Using 311 reports to assay capacity for informal social control at the individual and neighborhood levels. Annual conference of the American Society for Criminology, New Orleans, November 2016.

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21. O'Brien, D.T. The Boston Area Research Initiative's Boston Data Portal: A Dataverse-based resource. Dataverse Community Meeting 2016, Harvard Medical School, Boston, July 2016.
22. O'Brien, D.T. Uncharted territoriality in coproduction: How 311 systems leverage evolved motivations to help maintain the urban commons. Annual conference of the NorthEastern Evolutionary Psychology Society, St. Mary's University, June 2016.
23. O'Brien, D.T. Ecometrics: Translating administrative data into trackable measures of neighborhood conditions. Meeting of the MetroLab Network, San Diego, May 2016.
24. O'Brien, D.T. Problem properties and the persistence of crime and disorder in Boston neighborhoods. Urban Data Science Convening, Urban Center for Computation and Data, University of Chicago, May 2016.

**2015**

25. O'Brien, D.T. Institutions or evolved behavior? Evidence that 311 hotlines are leveraging human territoriality in the maintenance of the urban commons. Annual conference of the Human Behavior and Evolution Society, University of Missouri, May 2015.
26. O'Brien, D.T. Division of labor in the maintenance of the urban commons: Shifts in territorial behavior across a varied landscape. Annual conference of the NorthEastern Evolutionary Psychology Society, Suffolk University, April 2015.
27. O'Brien, D.T. The evolutionary behavioral sciences and history. Annual conference of the American Historical Association, New York, NY, January 2015.

**2014**

28. O'Brien, D.T. Testing multilevel selection hypotheses in urban neighborhoods: Collective efficacy as model case. Annual conference of the NorthEastern Evolutionary Psychology Society, SUNY New Paltz, April 2014. (Part of a symposium on *Using Cities to Study Evolved Human Behavior*.)

**2013**

29. O'Brien, D.T. The evolution of collective efficacy: Examining a complex group-level trait through urban communities. Annual conference of the NorthEastern Evolutionary Psychology Society, Lebanon Valley College, June 2013.

**2012**

30. O'Brien, D.T., Seibold-Simpson, S., Kelley, S. Defining neighborhoods using resident-drawn maps and social network analysis. Conference of the American Psychological Association. Orlando, FL, 2012.
31. O'Brien, D.T. Community perception: An adaptation for interpreting community quality. North Eastern Evolutionary Psychology Society Conference. Plymouth State University, NH, 2012.

**2011**

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32. O'Brien, D.T., Heard, K., Frazier, J.W. Governing the urban commons: Maintenance of city neighborhoods as a public good. North Eastern Evolutionary Psychology Society Conference. Binghamton University, Binghamton, NY, 2011.

*2010*

33. O'Brien, D.T. & Wilson, D.S. Bringing undergraduate education up to speed: Two courses that highlight the application of evolutionary theory to the behavioral sciences. International Society for Human Ethology, University of Wisconsin, Madison, WI, 2010.
34. O'Brien, D.T., Gallup, A.C., Wilson, D.S. The role of social resources in adolescent prosocial development: A longitudinal study at a city-wide scale. International Society for Human Ethology, University of Wisconsin, Madison, WI, 2010.
35. O'Brien, D.T., Gallup, A.C., Wilson, D.S. The role of social resources in adolescent prosocial development: A longitudinal study at a city-wide scale. Society for Prevention Research Conference, Denver, CO, 2010.
36. O'Brien, D.T., Gallup, A.C., Wilson, D.S. A multilevel, longitudinal analysis of the relationship between social resources and adolescent prosocial development at a city-wide scale. North Eastern Evolutionary Psychology Society Conference. State University of New York at New Paltz, New Paltz, NY, 2010.
37. Gallup, A.C., O'Brien, D.T., Wilson, D.S. Reciprocation in a sequential Prisoner's Dilemma: the effect of peer aggression during adolescence. North Eastern Evolutionary Psychology Society Conference. State University of New York at New Paltz, New Paltz, NY, 2010.
38. O'Brien, D.T., Gallup, A.C., Wilson, D.S. Prosociality Along the Urban-Rural Continuum: The Relationship Between Population Density and Adaptive Social Behavior. Biological Sciences Research Symposium. Binghamton University, Binghamton, NY, 2010.
39. O'Brien, D.T., Gallup, A.C., Wilson, D.S. Prosociality Along the Urban-Rural Continuum: The Relationship Between Population Density and Adaptive Social Behavior. Ecology and Evolutionary Biology Graduate Students Symposium. Cornell University, Ithaca, NY, 2010.

*2009*

40. O'Brien, D.T., Wilson, D.S. 'Evolution for Everyone': A Course That Brings Darwin's Theory to the Masses. North Eastern Evolutionary Psychology Society Conference. State University of New York at Oswego, Oswego, NY, 2009.
41. O'Brien, D.T., Wilson, D.S. 'Evolution for Everyone': A Course That Brings Darwin's Theory to the Masses. Human Behavior & Evolution Society Conference. Cal State Fullerton, Fullerton, CA, 2009.
42. O'Brien, D.T., Wilson, D.S. 'Evolution for Everyone': A Course That Brings Darwin's Theory to the Masses. Biological Sciences Research Symposium. Binghamton University, Binghamton, NY, 2009.
43. O'Brien, D.T., Wilson, D.S. 'Evolution for Everyone': A Course That Brings Darwin's Theory to the Masses. Ecology and Evolutionary Biology Graduate Students Symposium. Cornell University, Ithaca, NY, 2009.

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*2008*

44. O'Brien, D.T. Grading Our Neighborhoods: How and Why Binghamton Neighborhoods Vary in the Academic Performance, Individual and Social Wellbeing of our Children. Binghamton Neighborhood Symposium, Binghamton, NY, 2008.
45. O'Brien, D.T. Science and the City: Using Scientific Methods to Understand (and Improve!) Urban Living. Lost Dog Café, Binghamton, NY, 2008.
46. O'Brien, D.T., Wilson, D.S. Non-Random Acts of Kindness: The Behavioral Ecology of Altruism. North Eastern Evolutionary Psychology Society Conference. Southern New Hampshire University, Manchester, NH, 2008.
47. O'Brien, D.T., Wilson, D.S. Non-Random Acts of Kindness: The Behavioral Ecology of Altruism. Biological Sciences Research Symposium. Binghamton University, Binghamton, NY, 2008.
48. O'Brien, D.T., Wilson, D.S. Non-Random Acts of Kindness: The Behavioral Ecology of Small-Scale Altruism. Ecology and Evolutionary Biology Graduate Students Symposium. Cornell University, Ithaca, NY, 2008.

*2007*

49. O'Brien, D.T., Eldakar, O.T., Wilson, D.S. Using Experimental Economics to Explore the Evolutionary-Ecological Paradigm in Human Microsocieties. Human Behavior and Evolution Society Conference. William and Mary College, Williamsburg, VA, 2007.
50. O'Brien, D.T., Wilson, D.S. The Evolutionary-Ecological Paradigm of Human Behavior: Binghamton as Case Study. Graduate Student Research Day. Binghamton University, Binghamton, NY, 2007.

Posters Presented

*2018*

1. Fatehkia, M., O'Brien, D., Weber, I. Correlated impulses: Using Facebook interests to improve predictions of crime rates in urban areas. International Conference on Computational Social Science, Northwestern University, Chicago, IL, July 2018.

*2015*

2. O'Brien, D.T. What is gained by greater granularity? Examining the persistence of problem properties in urban neighborhoods. Annual conference of the American Society of Criminology, Washington, D.C., November 2015.

*2013*

3. O'Brien, D.T. The evolution of collective efficacy: Examining a complex group-level trait through urban communities. Annual conference of the Human Behavior and Evolution Society, University of Miami, July 2013.

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*2011*

4. O'Brien, D.T. How individual Bostonians request services: Implications for public policy and theory on neighborhood behavior. Reimagining the University-City Connection, Harvard Boston Research Initiative, Radcliffe Institute, Cambridge, MA, 2011.
5. **Klausner, M., Lowenwirt, A.H.,** O'Brien, D.T. What's cooking, good looking: Cooking and sexual selection. North Eastern Evolutionary Psychology Society Conference. Binghamton University, Binghamton, NY, 2011.

*2010*

6. **Cohen, J., Norton, C.,** O'Brien, D.T. Cross-cultural differences in the use of physical structures when determining the safety of an unfamiliar neighborhood. North Eastern Evolutionary Psychology Society Conference. State University of New York at New Paltz, New Paltz, NY, 2010.

*2009*

7. Gallup, A.C., O'Brien, D.T., Wilson, D.S. Peer aggression and victimization during adolescence has different effects on the dating behavior of males and females. Human Behavior & Evolution Society Conference. Cal State Fullerton, Fullerton, CA, 2009.

*2008*

8. O'Brien, D.T., Eldakar, O.T., Gallup, A.C., Wilson, D.S. Carving out a niche: Selfish punishment as a self-limiting strategy in humans. Northeast Evolutionary Psychology Society. Southern New Hampshire University, Manchester, NH, 2008.
9. Gallup, A.C., White, D.D., O'Brien, D.T., Wilson, D.S. Social dominance as a peer fitness deterrent: Inverse outcomes in reproductive opportunities between sexes. Northeast Evolutionary Psychology Society. Southern New Hampshire University, Manchester, NH, 2008.

Community Presentations

*2021*

1. Pursuing a civic research agenda on affordable housing. Citizens' Housing and Planning Association, Boston, MA, November 2020. (Virtual)

*2020*

2. Panelist on Lexington Futures. Lexington 20/20 Vision Committee, Lexington, MA, April 2020. (Virtual)
3. Living in Boston during COVID-19, for the Boston Public Health Commission, Boston, MA, November 2020. (Virtual)

*2019*

4. The urban commons: Learning with and from the City of Boston's 311 system. Sasaki Foundation, Watertown, MA, March 2019.

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5. Participant, Panel on “Smart Cities: Building a Nexus between Technology and Urban Infrastructure.” Worcester Regional Research Bureau, Worcester Polytechnic Institute, Worcester, MA, March 2019.
6. The urban commons: Learning with and from the City of Boston’s 311 system. Program Directors Meeting, Boston Public Health Commission, Boston, MA, January 2019.
7. The urban commons: Learning with and from the City of Boston’s 311 system. Mayor’s Intergovernmental Task Force, Boston, MA, January 2019.

*2018*

8. Evaluation of the Home-Based Assignment Plan. Boston Public Schools Committee, Boston, MA. July 2018.
9. Transformation in the Mundane. Sasaki Corporation, Boston, MA. January 2018.
10. “Seeing” the City through Administrative Data: The Case of 311. Beacon Hill Village, Boston, MA. January 2018.

*2017*

11. The Opportunity Index. Boston Public Schools Committee, Boston, MA. October 2017.
12. The Boston Area Research Initiative and the Boston Data Portal. For the Institute on Race and Justice Advisory Board, Northeastern University, Boston, MA. February 2017.
13. The Boston Area Research Initiative. For the Los Angeles Housing Library, at Los Angeles Public Library, Los Angeles, CA. February 2017.

*2016*

14. Urban Research and Policy, Driven by Data. “The Data of Justice” Hack-a-thon, part of HUBWeek 2016, at Northeastern University, Boston, MA. September 2016.
15. The Boston Data Portal, hosted by the Herman and Frieda Miller Foundation, Boston, MA. July 2016.
16. The Boston Data Portal, hosted by the Roxbury Innovation Center, Boston, MA. May 2016.
17. Leveraging Administrative Data: The Case of “Seeing” Neighborhood Conditions through 311 Reports. Boston Data Coordinator Summit, hosted by Boston’s Department of Innovation and Technology and The Knight Foundation, Boston, MA. March 2016.

*2015*

18. Learning from Commonwealth Connect Requests. Metropolitan Area Planning Council, Boston, MA. October 2015.
19. Panel on “Data, Innovation, and Civic Technology.” Data Day 2015, hosted by the Metropolitan Area Planning Council, Northeastern University, and the Boston Indicators Project, Boston, MA. June 2015.

*2014*

20. The Boston Area Research Initiative: A collaborative approach to policy, practice, and research. (with David Luberoff). Tech Networks of Boston, Boston, MA. March 2014.

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[d.obrien@neu.edu](mailto:d.obrien@neu.edu)**2013**

21. Panelist, "The 'hogmosh of undefined lines': Will we ever define Boston's neighborhood boundaries." Hosted by The Boston Foundation, Boston, MA. June 2013.
22. "Seeing" the city through citizens' calls. At "Learning from Citizens' Calls," an event hosted by the Boston Area Research Initiative, the Mayor's Office of New Urban Mechanics, and Emerson College, June 2013.

**2012**

23. BostonMap and the MyNeighborhood Census Viewer as tools for teaching about Boston. "Teaching Boston," City Hall, Boston, MA. November 2012.
24. A Year in Boston's Call Center. Reception of Mayor's speech at the Boston Municipal Research Bureau, Boston, MA. March 2012.

**2010**

25. Maps of Binghamton's Social Dynamics. Roberson Museum, Binghamton, NY. November 2010 – December 2010

**2009**

26. The Binghamton Neighborhood Project: An Overview. Broome County Aging Futures Program for the Elderly, Binghamton, NY. November 2009.
27. The Mary St. Survey. Southside Neighborhood Assembly, Binghamton, NY. October 2009.
28. The Mary St. Survey. Mayor's Office, Binghamton, NY. September 2009.
29. The Mary St. Survey. Binghamton Housing Authority, Binghamton, NY. August 2009.
30. Using Community Surveys in Urban Planning. Binghamton Housing Authority, Binghamton, NY. July 2009.
31. The State of Our Gardens and Their Neighborhoods. Volunteers Improving Neighborhood EnvironmentS (VINES), Binghamton, NY. June 2009.

**Book Reviews**

1. Thinking, Fast and Slow, by Daniel Kahneman. 2012. *Journal of Social, Evolutionary and Cultural Psychology*, **6**: 253-256.

**HONORS AND AWARDS**

**Dennis Judd Best Book Award** from the American Political Science Association's Urban & Local Politics Section for *The Urban Commons* (2019).

**Honorable Mention for the Beryl Radin Award** for best article published in *Journal of Public Administration Research and Theory* for "Uncharted Territoriality" (2018).

**Graduate Student Commencement Speaker** Binghamton University (2010) Footage available at: <http://www.youtube.com/watch?v=Jvgrwo9H2VE>

**Award for Excellence in Teaching**, Binghamton University (2009)

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[d.obrien@neu.edu](mailto:d.obrien@neu.edu)**COURSES TAUGHT** (\* - Graduate course)*Criminology*

Communities and Crime; Crime and Community Context\*

*Urban Informatics*

Big Data for Cities (on-ground and online)\*; Urban Theory and Science (on-ground and online)\*

*Psychology*

Introductory Statistics; Behavioral Research Methods; Experimental Methods: Social Psychology

*Sociology*

Mapping and Analyzing Social Patterns in Boston Neighborhoods

*Biology*

Evolution for Everyone; Cultural Evolutionary Theory; Evolution and Human Affairs; Introduction to Cellular and Molecular Biology

**SERVICE**Editing & Reviewing*Evolutionary Behavioral Sciences* (previously *Journal of Social, Evolutionary and Cultural Psychology* through 2013)

Editor (2013-2016)

Associate Editor (2011-2012)

Guest Editor of annual special issue: Proceedings of the North Eastern Evolutionary Psychology Society Annual Conference (2011, 2012)

Editorial Board Member (2017-present)

*Harvard Data Science Review*

Associate Editor (2019-present)

*Scientific Data* (A Nature Publication)

Editorial Board Member (2015-present)

*Frontiers in Evolutionary Psychology and Neuroscience*

Review Editor (2013-present)

*EvoS Journal: The Journal of the Evolutionary Studies Consortium*

Academic Editorial Board (2010-present)

External reviewer for: *American Journal of Community Psychology*; *American Sociological Review*; *Big Data*; *Crime Science*; *Criminology*; *Criminology & Public Policy*; *Environment & Behavior*; *Environment & Planning B*; *Evolution and Human Behavior*; *Evolution Education and Outreach*; *Evolutionary Psychology*; *Frontiers in Social Psychology*; *Journal of Criminal Justice*; *Journal of Environmental Psychology*; *Journal of Personality*; *Journal of Personality and Social Psychology*; *Journal of Planning Education and Research*; *Journal of Quantitative Criminology*; *Journal of Research in Crime and Delinquency*; *Journal of*



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*Rural and Community Development; Nature Communications; Nature Human Behavior; Public Library of Science One; Social Science Research; Sociological Methods and Research; Transportation Research Part F: Traffic Psychology and Behaviour; Urban Affairs Review; Urban Geography; Well-Being*

Professional Service*Internal*

Director, Boston Area Research Initiative, Northeastern & Harvard Universities, Summer 2019-present.

Co-Director, Boston Area Research Initiative, Northeastern & Harvard Universities, Fall 2016-Spring 2019.

Member, Search Committee, Teaching Professor for Statistics / Methods, College of Social Sciences and Humanities, Spring 2021.

Member, I-RES / Resilience Committee, Northeastern University, Fall 2021.

Chair, Library Information & Collaboration Committee (formerly Library Policies and Operations Committee), Northeastern University, Fall 2019-Spring 2020.

Chair, Search Committee, Cluster Hire in Urban Informatics, Quantitative Methods, and Network Science, College of Social Sciences and Humanities, 2019-2020.

Member, Sub-Committee on Urban PhD Concentration, School of Public Policy and Urban Affairs, Northeastern University, 2016-present.

Member, Admissions Committee, Data Analytics Program, Northeastern University, 2014-present.

Member, Library Policies and Operations Committee, Northeastern University, 2018-present.

Member, Committee on a Minor in Computational Social Science, College of Social Sciences and Humanities, Northeastern University, 2018-present.

Member, Search Committee, Professor of Urban Studies and International Affairs, College of Social Sciences and Humanities, Northeastern University, 2018-2019.

Member, Executive Council, School of Public Policy and Urban Affairs, Northeastern University, 2016-2018.

Member, Search Committee, Professor of Sustainability, Planning, and Urban Informatics, School of Public Policy and Urban Affairs, 2017-2018.

Research Director, Boston Area Research Initiative, Radcliffe Institute for Advanced Study at Harvard University, January 2011-Summer 2016.

Member, Search Committee for Director of the Dukakis Center for Urban and Regional Policy, Northeastern University, 2016.

Member, Methods/Statistics Computational Working Group, Northeastern University, 2016-2017.

Member, Ad-hoc Committee on IT Needs for Computational Research, Northeastern University, 2015.

Co-organizer, Evolution, Ecology & Behavior Lunches, Biology Department, Binghamton University. Spring 2009-Fall 2009.

Member, Evolutionary Studies Institute. Binghamton University, Fall 2006-Spring 2010.

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Member, Urban and Regional Spoke, NSF Northeastern Regional Big Data Hub. 2015-present.

Member, Steering Committee, [MetroLab Network](#). 2015-2016.

Young Career Scientist, Promise Neighborhood Research Consortium. National consortium for advancing scientific approaches to community improvement. February 2010-Summer 2012.

Public Service

Member, Advisory Board, Sasaki Foundation, 2018-present

Judge, Analyze Boston Open Data Challenge, City of Boston, 2017.

Member, Content Advisory Committee, Boston Open Data Initiative, City of Boston. 2016-present.

Member, Advisory Council, Boston Indicators Project, The Boston Foundation. 2016-present.

Member, Board of Directors, Volunteers Improving Neighborhood EnvironmentS (VINES). Non-profit organization dedicated to the creation and maintenance of community gardens and green-space in Binghamton, NY. Spring 2008-Spring 2010.

Events Organized and Hosted*Conferences*

“BARI Conference 2022: Data, A Community Journey,” Northeastern University, Boston, MA. May 6<sup>th</sup>, 2022. Hosted by the Boston Area Research Initiative. Co-sponsored by Boston Indicators at the Boston Foundation, the BU Initiative on Cities, [datadiversitykids.org](http://datadiversitykids.org) and the Heller School at Brandeis University, Northeastern University’s School of Public Policy and Urban Affairs, Northeastern University City and Community Engagement, Burnes Center for Global Impact at Northeastern University, the Institute for Quantitative Social Science at Harvard University, Harvard Data Science Initiative, MIT Connection Science, Mass Development, Microsoft New England, Sasaki Inc. The first conference of its kind to focus on the collaborative development of civic research agendas across 9 topic areas, including education, housing, transportation, climate resilience, and reparations.

“BARI Conference 2021: Building Back Smarter,” Virtual Conference. April-May 2021. Hosted by the Boston Area Research Initiative. Co-sponsored by Boston Indicators at the Boston Foundation, the BU Initiative on Cities, [datadiversitykids.org](http://datadiversitykids.org) and the Heller School at Brandeis University, Northeastern University’s School of Public Policy and Urban Affairs, the Institute for Quantitative Social Science and Harvard Data Science Initiative at Harvard University, MIT Connection Science, University of Massachusetts Boston, the Shah Family Foundation, Mass Development, Microsoft New England, Sasaki Inc., RStudio, Agawam / AD Makepeace, and the Radcliffe Institute for Advanced Study at Harvard University. Included a first-of-its-kind forum among candidates for Mayor of the City of Boston on the role of data and technology in the next mayoral administration. Also marked BARI’s 10 year anniversary.

“The Smart, Equitable Commonwealth: Co-Creating the Society We Want,” Virtual Conference. April-July 2020. Hosted by the Boston Area Research Initiative, transitioned from

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in-person conference in April 2020. Co-sponsored by Boston Indicators at the Boston Foundation, the Barr Foundation, the Northeastern University School of Public Policy and Urban Affairs, the Harvard Graduate School of Education, the Initiative on Cities at Boston University, the Heller School for Social Policy and Management at Brandeis University, the Institute for Quantitative Social Science at Harvard University, the Harvard Data Science Initiative, MIT Connection Science, Microsoft New England, Sasaki, RStudio, and the City of Boston.

“The Smart, Connected Commonwealth: Data-Driven Research and Policy across the Region,” Massachusetts State House, Boston, MA. April 2019. Hosted by the Boston Area Research Initiative, co-hosted with Microsoft Office for Technology & Civic Engagement, co-sponsored by the City of Boston, Boston Indicators at the Boston Foundation, Brandeis University Heller School of Social Policy, Shah Family Foundation, and School of Public Policy at Northeastern University.

“Confronting Inequality and Economic Mobility: Data-Driven Lessons from Boston, for Boston,” Boston, MA. April 2018. Hosted by the Boston Area Research Initiative, co-sponsored by the City of Boston, Microsoft Office for Technology & Civic Engagement, Faculty of Arts and Sciences at Harvard University, Boston Indicators at the Boston Foundation, Brandeis University Heller School of Social Policy, Lincoln Institute of Land Policy, and School of Public Policy at Northeastern University.

“Data-Driven Research, Policy, and Practice: Lessons from Boston, for Boston,” Boston, MA. March 2017. Hosted by the Boston Area Research Initiative, co-sponsored by the City of Boston, Microsoft Office for Technology & Civic Engagement, and Institute of Quantitative Social Science at Harvard University.

“Understanding and Improving Cities: Policy/Research Partnerships in the Digital Age,” Boston, MA. December, 2014. Hosted by the Boston Area Research Initiative, co-sponsored by The City of Boston and The Rappaport Institute for Greater Boston.

“Reimagining the University-City Connection,” Radcliffe Institute for Advanced Study, Cambridge, MA. October, 2011. Hosted by the Boston Area Research Initiative, co-sponsored by The City of Boston and The Rappaport Institute for Greater Boston.

*Workshops and Panels*

Organized a panel on “The Action is Everywhere” at the Annual Conference of the American Society of Criminology, Chicago, IL, November 2021.

Organized a panel on “The Action is Everywhere” at the Annual Conference of the American Society of Criminology, Washington, D.C., November 2020. (Accepted and cancelled)

“Regionalizing Urban Informatics,” at MetroLab Network Annual Summit, Boulder, CO, September 2019.

“Making ‘Smart Cities’ Smart,” Northeastern University, Boston, MA, May 2017. Co-hosted by Boston Area Research Initiative and the City of Boston.

“How Can Urban Researchers Engage Communities for Social Change?”, Codman Square Health Center, Boston, MA. February 2017. Co-hosted by Boston Area Research Initiative and URBAN.Boston.

“Cross-City Innovation Dinner” joining BARI seed grant recipients and visiting graduate students from Carnegie Mellon University, Northeastern University, Boston, MA, January 2017. Co-hosted by the Boston Area Research Initiative and Carnegie Mellon University.

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“Exploring the Promise of an Urban Earth Science,” Initiative on Cities, Boston University, Boston, MA, November 2016. Hosted by Boston Area Research Initiative.

“Defining and Measuring Gentrification,” Joint Center for Housing Studies, Harvard University, Cambridge, MA, November 2016. Co-sponsored by Boston Area Research Initiative.

“The Data of Justice” Hack-a-thon, part of HUBWeek 2016, at Northeastern University, Boston, MA. September 2016. Co-sponsored by Boston Area Research Initiative, Northeastern University’s School of Journalism, and College of Computer and Information Science.

“Community-Based Trainings in the Boston Data Portal,” Various Locations, greater Boston, MA, ~3 sessions annually, 2014-present. Hosted by Boston Area Research Initiative.

“Using Technology to Engage Constituents and Improve Governance,” Open Classroom, School of Public Policy and Urban Affairs, Northeastern University, Boston, MA, April 2016. Co-sponsored by Boston Area Research Initiative.

“Boston Public Schools’ School Reassignment Plan,” Initiative on Cities, Boston University, Boston, MA, February 2016. Co-hosted by Boston Area Research Initiative and Initiative on Cities.

“Dataswap 2013,” a six-month challenge for teams of students and data professionals to work with novel data sets, with kick-off and concluding events, 2013-2014. Co-hosted and – sponsored by the Boston Globe, Boston Area Research Initiative, NULab for Texts, Maps, and Networks.

“Learning from Citizens’ Calls,” Emerson College, Boston, MA, June 2013. Co-hosted by Boston Area Research Initiative, the Mayor’s Office of New Urban Mechanics, and Emerson College.

“Teaching Boston,” City Hall, Boston, MA, November 2012. Co-hosted by Boston Area Research Initiative and City of Boston.

**MEDIA**Op-Eds

- “Confronting Boston’s Challenges: Recommendations for our Next Mayor” (<https://cssh.northeastern.edu/bari/challenges-facing-boston/>). Co-editor with Katharine Lusk and Michael Johnson. Released by the Boston Area Research Initiative.
- ‘Innovation will help us rebuild.’ May 17, 2020, *Boston Globe* (<https://www.bostonglobe.com/2020/05/17/opinion/innovation-will-help-us-rebuild/>). Lead article and coordinated and co-edited four-part essay based on opening keynote of the Boston Area Research Initiative’s annual conference.
- ‘Break the ‘broken windows’ spell: The policing theory made famous in New York City under Giuliani and Bratton doesn’t hold up to scrutiny.’ May 26, 2019, *New York Daily News* (<https://www.nydailynews.com/opinion/ny-oped-break-the-broken-windows-spell-20190526-ulwcdd7fnjg4fgv6dnskls6vhi-story.html>).
- ‘Making all cities ‘smart cities.’ April 24, 2019, *Commonwealth Magazine* (<https://commonwealthmagazine.org/opinion/making-all-cities-smart-cities/>)

## Coverage

### **'Data Support System for a City in a Pandemic'** (June 2022)

- News@Northeastern (<https://news.northeastern.edu/2022/06/24/covid-pandemic-impact-boston/>)

### **'How Architects Can Make Buildings Aware / Latrobe Prize'** (May 2022)

- Archinect (<https://archinect.com/news/bustler/8721/northeastern-university-design-research-proposal-wins-aia-s-100-000-latrobe-prize>)
- Metal Construction News (<https://www.metalconstructionnews.com/industry-news/aia-college-of-fellows-awards-northeastern-university-team-with-2022-latrobe-prize>)
- Massachusetts News (<https://darik.news/massachusetts/the-potential-of-sensor-technology-takes-center-stage-as-the-winning-proposal-of-the-aia-s-100000-latrobe-prize-news/202205597304.html>)
- TopicA
- News@Northeastern (<https://news.northeastern.edu/2022/05/20/buildings-impact-local-environment/>)

### **'BARI as Model for Urban Transformation'** (Fall 2021)

- Business Insider (<https://www.businessinsider.com/how-partnership-boston-universities-harvard-northeastern-shape-policy-2021-9>)

### **'Airbnb and Neighborhood Crime'** (Summer 2021)

- WIRED magazine (<https://www.wired.com/story/why-some-crimes-increase-when-airbnbs-come-town/>)
- Boston.com (<https://www.boston.com/news/local-news/2021/07/23/increases-in-airbnb-listings-linked-to-more-violent-crime-in-boston-neighborhoods-study-suggests/>)
- Boston Globe (<https://www.bostonglobe.com/2021/07/23/business/study-links-growth-airbnb-listings-boston-911-calls/>)
- WGBH (Boston-area NPR; <https://www.wgbh.org/news/local-news/2021/07/22/airbnb-impacts-neighborhood-crime-but-not-in-the-way-you-think>)
- Boston Herald (<https://www.bostonherald.com/2021/07/19/study-from-northeastern-links-rise-violent-crime-surges-in-boston-neighborhoods-to-airbnb-vacation-rentals/>)
- Bloomberg News (<https://www.bloomberg.com/news/audio/2021-07-22/baystate-business-speaker-mariano-radio>)
- Top of Mind with Julie Rose (BYU-Radio's satellite channel)
- Boston Neighborhood News ([https://www.youtube.com/watch?v=6cbzXA\\_IILo](https://www.youtube.com/watch?v=6cbzXA_IILo))

### **'Evictions and Large Landlords'** (Winter 2020)

- WGBH (Boston-area NPR; <https://www.wgbh.org/news/local-news/2020/12/23/large-corporate-landlords-are-responsible-for-nearly-half-of-all-boston-evictions-study-finds>)

### **'Inequities in Navigating a Pandemic'** (Fall 2020)

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- Boston Globe (<https://www.bostonglobe.com/2020/11/26/metro/study-reveals-racial-disparities-navigating-pandemic/>)
- ‘Urban Heat Islets’** (Summer 2020)
- Boston Neighborhood Network News
- ‘Living in Boston during COVID-19’** (Fall 2020)
- Boston Globe (<https://www.bostonglobe.com/2020/11/26/metro/study-reveals-racial-disparities-navigating-pandemic/>)
- ‘Large Corporate Landlords and Evictions’** (Fall-Winter 2020)
- WGBH (<https://www.wgbh.org/news/local-news/2020/12/23/large-corporate-landlords-are-responsible-for-nearly-half-of-all-boston-evictions-study-finds>)
- ‘The Boston Area Research Initiative’s Annual Conference’** (Spring-Summer 2020)
- News@Northeastern (opening keynote; <https://news.northeastern.edu/2020/05/01/how-will-the-economy-bounce-back-after-covid-19/>)
  - News@Northeastern (closing keynote; <https://news.northeastern.edu/2020/08/03/imagine-leading-a-city-through-a-pandemic-and-mass-protests-now-imagine-doing-it-from-home/>)
- ‘The Urban Commons’** (Summer 2019)
- News@Northeastern (<https://news.northeastern.edu/2019/09/18/what-the-311-system-can-tell-us-about-the-future-of-smart-cities/>)
- ‘Moving Past “Broken Windows”’** (Spring 2019)
- News@Northeastern (<https://news.northeastern.edu/2019/05/15/northeastern-university-researchers-find-little-evidence-for-broken-windows-theory-say-neighborhood-disorder-doesnt-cause-crime/>); Also featured on Northeastern’s Facebook Live segment)
- ‘How Bostonians Navigate Public Transit’** (Winter 2019)
- News@Northeastern (<https://news.northeastern.edu/2019/02/07/algorithms-can-lead-to-more-efficient-public-transit-heres-how-you-may-already-be-helping/>)
- ‘Boston Public Schools and School Assignment’** (Summer 2018)
- Boston Globe (multiple stories: <https://www.bostonglobe.com/metro/2018/07/16/boston-school-assignment-system-shortchanges-black-latino-students-report-finds/OTdUOwYAjJa6wuqamh0mHI/story.html>; <https://www.bostonglobe.com/metro/2018/07/26/here-where-boston-spends-money-busing-students/ac2rFL8sazwMDjwhtQog0M/story.html>; <https://www.bostonglobe.com/metro/2018/07/24/should-boston-schools-get-rid-busing-some-say-money-would-better-spent-classrooms-but-answer-not-clear-here-why/orKFelsD74fu9FiJIvXJsJ/story.html>; <https://www.bostonglobe.com/metro/2018/08/04/boston-schools-are-becoming-resegregated/brwPhLuupRzkOtSa9Gi6nL/story.html>; <https://www.bostonglobe.com/metro/2018/08/05/increased-segregation-boston-schools-could-deepen-racial-economic-divides-say-advocates/HuIOe4VqMNgSBtF0I2TJBP/story.html>)

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- WBUR Radio Boston ([http://www.wbur.org/radioboston/2018/07/19/boston-school-assignment&ct=ga&cd=CAEYASoTNTY2MzQ0NjY1ODIxNTQzODk5NDIaZDc5MGU5ZjQ3ZGFjZWlwODpjb206ZW46VVM&usg=AFQjCNHrG-m\\_g0dgDU20i4EVTaGSh4N5Nw;https://www.google.com/url?rct=j&sa=t&url=http://www.wbur.org/edify/2018/08/08/commentary-funding-opportunity-gaps&ct=ga&cd=CAEYACoUMTEwOTM2OTg3NDQ5OTY5OTM4NzgyGjQyMjQ4YWMyYTg3ODQ0NTY6Y29tOmVuOIVT&usg=AFQjCNG70D4HtUXcJRyYTWrdamOQf\\_aOHw](http://www.wbur.org/radioboston/2018/07/19/boston-school-assignment&ct=ga&cd=CAEYASoTNTY2MzQ0NjY1ODIxNTQzODk5NDIaZDc5MGU5ZjQ3ZGFjZWlwODpjb206ZW46VVM&usg=AFQjCNHrG-m_g0dgDU20i4EVTaGSh4N5Nw;https://www.google.com/url?rct=j&sa=t&url=http://www.wbur.org/edify/2018/08/08/commentary-funding-opportunity-gaps&ct=ga&cd=CAEYACoUMTEwOTM2OTg3NDQ5OTY5OTM4NzgyGjQyMjQ4YWMyYTg3ODQ0NTY6Y29tOmVuOIVT&usg=AFQjCNG70D4HtUXcJRyYTWrdamOQf_aOHw))
  - News@Northeastern (<https://news.northeastern.edu/2018/07/16/heres-what-happened-when-boston-tried-to-assign-students-good-schools-close-to-home/>)
  - Bay State Banner (<https://www.baystatebanner.com/2018/07/18/study-finds-growing-inequity-in-bps-school-assignment/>)
  - NBC Boston (<https://www.nbcboston.com/news/local/Report-Black-Latino-Students-Being-Kept-From-High-Performing-Boston-Schools-488323451.html>; <https://www.nbcboston.com/news/local/Boston-Public-Schools-Racial-Segregation-Report-Boston-Globe-490181291.html>)
  - Dorchester Reporter (<https://www.dotnews.com/2018/report-asserts-assignment-system-fails-city-s-minority-students>)
  - NECN (<https://www.necn.com/news/new-england/Boston-Public-Schools-Racial-Segregation-Report-Boston-Globe-490181291.html>)
  - The Root (<https://www.theroot.com/intense-segregation-is-returning-to-bostons-public-scho-1828136169>)
- 'Boston Data Portal'** (Spring 2018)
- Data-Smart City Solutions (<https://datasmart.ash.harvard.edu/news/article/map-monday-boston-research-map>)
  - GovTech (<http://www.govtech.com/data/Looking-at-Bostons-Neighborhoods-Through-the-Data.html>)
- 'Boston Neighborhood Survey Release'** (Spring 2017)
- News@Northeastern (<http://news.northeastern.edu/2017/07/building-a-thriving-civic-data-ecosystem-in-boston/>)
  - Dorchester Reporter (<http://www.dotnews.com/2017/studies-seeking-perceptions-city-life-boston-rise>)
- 'Boston's CityScore'** (Summer 2016)
- Boston Globe (<https://www.bostonglobe.com/metro/2016/08/17/city-hall-always-above-average-you-ask-city-hall/GUvNcsQIihJYt8SPgjLzCN/story.html>)
- 'Private and Public Spheres of Disorder'** (Summer 2015)
- Boston Globe (<http://www.bostonglobe.com/metro/2015/09/11/boston-researchers-study-raises-questions-about-broken-windows-theory-policing/DVrmqE6BiFIVhucAWnKt5L/story.html>)
  - Radio Boston (WBUR, an NPR affiliate in Boston) (<http://radioboston.wbur.org/2015/08/18/windows-crime>)

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- The Atlantic's City Lab (<http://www.citylab.com/crime/2015/08/private-conflict-not-broken-windows/402059/>)
  - Pacific Standard (<http://www.psmag.com/politics-and-law/private-conflict-public-disorder-and-crime>)
  - Phys.org (<http://phys.org/news/2015-06-interpersonal-conflict-strongest-predictor-crime.html>)
  - Medical Daily Grapevine (<http://www.medicaldaily.com/domestic-violence-interpersonal-conflicts-better-predictor-neighborhood-crimes-336176>)
  - NextCity website (<http://nextcity.org/daily/entry/big-data-meets-broken-windows-social-escalation-theory>)
  - Huntington News (<http://huntnewsnu.com/2015/09/nu-professor-challenges-broken-windows-theory/>)
- 'Custodianship in Urban Neighborhoods'** (April 2015)
- Psychology Today (<https://www.psychologytoday.com/blog/darwins-subterranean-world/201504/custodians-the-neighborhood>)
- 'Mapping Bike Collisions in Boston'** (June 2014)
- Boston.com
  - Boston Magazine
- 'Big Data in Boston Neighborhoods'** (July 2013)
- WBUR.org (local National Public Radio affiliate)
- 'Neighborhoods and Children'** (May 2012)
- Scholastic Magazine
- 'The University-City Connection'** (October 2011)
- The Boston Globe
  - The Harvard Gazette
- 'Community Perception'** (April 2011)
- KCSN Radio (Los Angeles, CA)
- 'Graduation Speaker'** (May 2010)
- Press & Sun-Bulletin (Binghamton, NY)
  - YouTube (<http://www.youtube.com/watch?v=Jvgrwo9H2VE>)
- 'Binghamton Neighborhood Project'** (March 2010)
- Greater Good Magazine (UC Berkeley)
- 'Evolution for Everyone'** (Sept. 2009)
- Binghamton University YouTube page (<http://www.youtube.com/watch?v=MouQOyHB28M>)
- 'The Community Gardens Project'** (July 2009)
- Binghamton University YouTube page ([http://www.youtube.com/watch?v=5rxID2V65\\_A](http://www.youtube.com/watch?v=5rxID2V65_A))
- 'Peer Victimization in Adolescents'** (Feb. 2009)
- Canwest News (Ottawa): Vancouver Sun, Calgary Herald, Alberni Valley Times and Nanaimo Daily News



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- CHML News Talk Radio (Ottawa)
- Press and Sun Bulletin (Binghamton)
- The Toronto Star
- **'Grading Our Neighborhoods'** (Oct. 2008)
  - WBNG Evening News (CBS affiliate)
  - Press & Sun-Bulletin (Binghamton, NY)
- **'The Holiday Decorations Studies'** (Dec. 2006)
  - Press & Sun-Bulletin (Binghamton, NY)
  - WBNG Evening News (CBS affiliate)

Art Exhibits

- Featured in *Balancing Act: Urbanism and Emerging Technologies*, at the Boston Society of Architects, Boston, MA, May 17-September 27, 2019.