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Matthew B. Ross

978.888.8517
mbross.econ@gmail.com
ma.ross@northeastern.edu
www.mbross-econ.com

School of Public Policy & Urban Affairs
Department of Economics
Northeastern University
Boston, MA

Current Employment

2022- Pres Associate Professor (Untenured, Tenure-Track), School of Public Policy & Urban Affairs and Department of Economics, Northeastern University
2023-24 Community-to-Community Policy Fellow (Provost's Initiative), Northeastern University

Other Appointments

2024-Pres Research Advisor to Justice Center at Council of State Governments
2023-Pres Invited Research to J-PAL North American and the Science for Progress Initiative
2022-24 Visiting Scholar, Department of Public Policy, University of Connecticut

Education

2016 Ph.D. in Economics, University of Connecticut
2013 M.A. in Economics, University of Connecticut
2011 M.A. in Regional Economic & Community Development, University of Massachusetts Lowell
2010 B.A. in Economics, University of Massachusetts Lowell

Research Interests

Primary: Labor economics, urban economics, and public policy
Secondary: Discrimination, economics of crime, labor market dynamics, training, skills and tasks, knowledge transfer, labor demand

Previous Employment

2020-22 Assistant Professor, Department of Economic Sciences, Claremont Graduate University
2020-22 Visiting Scholar, Wagner School of Public Service, New York University
2018-20 Assistant Research Professor, Wagner School of Public Service and Center for Urban Science and Progress (CUSP), New York University
2016-18 Post-Doc, Ohio State University and National Bureau of Economic Research (NBER)

Scholarly Research

Refereed Publications

Yu, H., Marschke, G., Ross, M.B. et al. Publish or Perish: Selective Attrition as a Unifying Explanation for Patterns in Innovation over the Career. *Journal of Human Resources* 59-1 (2024).

Kalinowski, J.J., Ross, S.L., Ross, M.B. Endogenous Driving Behavior in Tests of Racial Profiling. *Journal of Human Resources* 59-2 (2023).

Ross, M.B., Glennon, B.M., Murciano-Goroff, R. et al. Women are credited less in science than men. *Nature* 608, 135–145 (2022).

Ross, M.B., Kalinowski, J.J., Barone, K. Testing for Disparities in Traffic Stops: Best Practices from the Connecticut Model. *Criminology & Public Policy* 19-4 (2020).

Chevalier, G. Chomienne, C. Jeanrenaud, N.G., Lane, J.I., Ross, M.B. A New Approach for Estimating Research Impact: An Application to French Cancer Research. *Quantitative Science Studies* 1-4 (2020).

Ross, M.B. The Effect of Intensive Margin Changes to Task Content on Employment Dynamics over the Business Cycle. *Industrial and Labor Relations Review* 74-4 (2020).

Couch, K.A., Ross, M.B., Vavrek, J. Career Pathways and Integrated Instruction: A National program Review of I-Best Implementations. *Journal of Labor Research* 39 (2018).

Ross, M.B. Routine-Biased Technical Change: Panel Evidence of Task Orientation and Wage Effects. *Labour Economics* 48 (2017).

Published Conference Proceedings

Kehoe, A.K., Vetle, T.I., Ross, M.B., Smalheiser, N.R. Predicting MeSH Beyond MEDLINE. Association of Computing Machinery (ACM): *Proceedings of Workshop on Scholarly Web Mining* (2018).

Kalinowski, J.J., Ross, S.L., Ross, M.B. Now You See Me, Now You Don't: The Geography of Police Stops. *American Economic Review Papers and Proceedings* 109 (2019).

Book Chapters

Ross, M.B. Ikudo, A., Lane, J.I. The Food Safety Research Workforce and Economic Outcomes. *Measuring the Economic Value of Research: The Case of Food Safety*, c. 6 pp. 100- 112, Cambridge University Press (2017)

King, J.L. Johnson, S.R., Ross, M.B. Assessing the Effects of Food Safety Research on Early Career Outcomes. *Measuring the Economic Value of Research: The Case of Food Safety*, c. 8 pp. 100- 112, Cambridge University Press (2017)

Working Papers

Adger, C. Ross, M.B., Sloan, C.W. The Effect of Field Training Officers on Police Use of Force. 2024. (Submitted).

Mello, S., Ross, M.B., Ross, S.L., Johnson, H. Diversity Training and Employee Behavior: Evidence from the Police. 2024. (Submitted).

Ross, M.B., Parker, S., Ross, S.L. The Impact of Prohibiting Pretextual Enforcement on Traffic Stops, Accidents, and Crime. 2024 (Submitted).

Kalinowski, J.J., Ross, S.L., Ross, M.B. Addressing Seasonality in Veil of Darkness Tests for Discrimination: A Regression Discontinuity Approach. (Resting)

Selected Works in Progress

Ross, M.B., Ross, S.L., Parker, S. Testing for Discrimination in Police Traffic Stops using Telemetric Mobility Data: New Methods and Findings. (Manuscript in Preparation).

Murciano-Goroff, R.M. Ross, M.B. Robots and Science: The Impact of Automation on the Scientific Research Teams. (Manuscript in Preparation).

Funk, R. Glennon, B., Murciano-Goroff, R.M. Ross, M.B. Connections and Credit: How Social Networks Shape the Gender Gap in Research Output. (Manuscript in Preparation).

Bollman, K.M., Gomez, A. Ross, M.B., Sloan, C.W. More with Less: The Impact of Excessive Overtime on Police Wellness, Productivity, and Bias. (Ongoing Analysis).

Ross, M.B. and Sloan, C.W. Estimating Police Value-Added Impacts on Criminal Investigations, Clearance Rates, Revictimization, and Recidivism. (Ongoing Analysis).

Ross, M.B., Ross, S.L., Parker, S. A Machine Learning Approach to Estimating Roadway Populations using Telemetric Mobility Data. (Preliminary Analysis).

Ross, M.B. Sloan, C.W. Understanding the Dynamics of Police Corruption: Evidence from Connecticut's Fake Ticket Scandal. (Preliminary Analysis)

Grants, Awards, and Honors

Grants and Contracts

Total of \$2,809,111 in extramural research funding and \$88,766 in internal research funding from 2016 to present.

2023-24	PI for Qualitative Evaluation of the "Connecticut Model". Arnold Ventures via Council of State Governments. Subaward of \$39,987 from \$600,000.
2023-24	PI for CT Traffic Stop Evaluation. U.S. DOT. Total of \$170,626.
2023-25	PI for RI Traffic Stop Evaluation. U.S. DOT. Total of \$246,400.
2023-24	PI for DC Metro Traffic Stop Evaluation and Officer Analysis. U.S. DOT. Total of \$40,123.
2023	Winner of Northeastern University Community-to-Community Policy Fellowship. Post-Doc equivalent to approx. \$43,200.
2023	Winner of College of Social Sciences & Humanities' Multi-Generational Research Team Award: "Criminal Investigations in Communities of Color" with Ermus St. Louis (Northeastern University). SGA time equivalent to approx. \$26,666.
2022-23	PI for CT Traffic Stop Evaluation and Officer Analysis. U.S. DOT. Total of \$168,430.
2023	Consultant to the Commonwealth of Virginia's Attorney General's Office.
2021-23	Consultant on NOPD Consent Decree to the U.S. Department of Justice Civil Rights Division. Total of \$29,640.
2021	Consultant to the New Jersey Attorney General's Office of Public Integrity & Accountability. Total of \$6,968
2021-22	Winner of Blais Challenge Award: "Does More Training Mitigate Disparities in Police Use of Force? Quasi-Experimental Evidence from New Linked Data" with CarlyWill Sloan (Claremont) and David Bjerk (Claremont McKenna). Total of \$18,900.
2021-22	Co-PI for Russell Sage Foundation Presidential Grant: "Does More Training Mitigate Disparities in Police Use of Force? Quasi-Experimental Evidence from New Linked Data" with CarlyWill Sloan (Claremont). Total of \$29,178
2021-23	PI for CT Traffic Stop Evaluation and Officer Analysis. U.S. DOT. Total of \$251,085 from 2021-23.
2020-21	Contractor for the National Science Foundation- National Center for Science and Engineering Statistics (via Coleridge Initiative): "Integrate Data Analytics Training, Data

- Linkage Research and Secure Data Access to Promote Evidence-based Science Policy Research”. Total of \$12,750.
- 2019-21 Co-PI for National Science Foundation (NSF) Research Award (SciSIP #1932689): “Research funding, organizational context, and transformative research: New insights from new methods and data” with Raviv Murciano-Goroff (BU), Julia Lane (NYU), and Russel Funk (UMN). Collaborative award for a total of \$600,000 w/ \$320,000 to NYU.
- 2019-21 Fellowship at Collaborative Archive Data Research Environment (CADRE) at Indiana University. Team granted clustered computing access to Web of Science (WoS) and Microsoft Academic Graph (MAG) data.
- 2016-19 PI for RI Traffic Stop Evaluation and Officer Analysis. U.S. DOT. Total of \$222,690.
- 2013-19 PI for CT Traffic Stop Evaluation and Officer Analysis. U.S. DOT. Total of \$571,140.
- 2012-16 Racial Disparities in State Contracting Phases 1-3 (sub-award) via CT Economic Resource Center and CT Academy of Science as part of a CT General Assembly award. Total of \$22,400.

Smaller Awards and Honors

Fellowship w/ Cuebiq (Spectus Data for Good Initiative), Connecticut’s Alvin W. Penn Award for Excellence in Civil Rights Leadership (w/ coauthors), UConn Dissertation Award (2016), IZA/CEDEFOP Travel Award (Fall 2015), Quinnipiac CAS Research Award (2015), UConn Summer Research Fellowship (Summer 2012, 2014, 2015), UConn Third Year Paper Award (2014), National Association of Business Economist’s Policy Scholarship (2013), UConn Economics Fellowship (2011), UMass Alan D. Solomon Scholarship (2011), UMass Campus Catalyst Award (2011), UMass Honors (2009-11)

Policy Reports

- 2023 Massachusetts Traffic Stops Analysis, 2009-22
- Partners: USA Today and Cape Cod Times
[MA Traffic-Stop-Analysis-2014-22-1.pdf](#)
- 2023 Connecticut State Police Traffic Stop Audit
- Partners: CT General Assembly and Office of Policy & Management
[CTSP Fake-Ticket-Audit.pdf](#)
- 2022 New Orleans Police Department Bias-Free Analysis.
- Partners: US Department of Justice.
[NOPD Bias-Free.pdf](#)
- 2022 Internal Analysis of New Jersey State Police Traffic Stops.
- Partners: New Jersey Attorney General.
[NJSP Traffic-Stop.pdf](#)
- 2013-21 State of Connecticut, Analysis of Racial Profiling in Police Traffic Stops- 16 reports.
- Partners: CT General Assembly and Office of Policy & Management (via Institute for Municipal and Regional Policy, University of Connecticut)
- Public Department-Level Reports: 2021, 2020, 2019, 2018, 2017, 2015-16, 2014-15, and 2013-14
- Public Officer-Level Reports: 2021, 2020, 2019, 2018, 2017, 2015-16, 2014-15, and 2013-14
<https://www.ctrp3.org/analysis-reports/reports>
- 2016-19 State of Rhode Island, Analysis of Racial Profiling in Police Traffic Stops- 4 reports.
- Partners: RI Department of Transportation (via Institute for Municipal and Regional Policy, University of Connecticut)
- Public Department-Level Reports: 2019, 2018, 2017, and 2016
- Internal Officer-Level Reports: 2016

- 2013-19 Racial Disparities in CT's State Contracting Process (Disparity Study Phase 1, 2, & 3).
- Partners: CT General Assembly and CT Academy of Science and Engineering
- 2013 Connecticut's Economic Development Strategy.
- Partners: CT Department of Economic and Community Development
- 2012 [...] Connecticut's Skilled Workforce [...].
- Partners: CT General Assembly and CT Academy of Science and Engineering
- 2011 U.S. Skills for Green Jobs.
- Partners: International Labour Organization and CEDEFOP

Conferences and Seminars

- 2023-24 Boston Federal Reserve, Global Action for Policy Conference, Western Economic Association.
- 2022-23 Association for Public Policy Analysis & Management and Urban Economics Association
- 2021-22 NBER Summer Institute- Law & Economics 2022, USPTO PatentsView Symposium, Claremont McKenna, Ohio State University- UMETRICS Action Series (Coauthor), Association of Policy Analysis and Management, Scripps College, University of Hawaii at Manoa, Northeastern University, RAND Corporation, California State University at Fullerton, University of New Hampshire, Texas A&M VICE Seminar
- 2019-20 Boston University School of Law, American Economic Association (2019 & 2020), Georgia Institute of Technology (Policy), NBER Productivity Seminar, University of Michigan (IRIS), University of Connecticut, NYU Crime & Policing Workshop, Society of Labor Economists, APPAM Research Conference, Conference on Empirical Legal Studies (Claremont McKenna)*, Connecticut Racial Profiling Prohibition Advisory Board, Ohio State University (x2), San Diego State University, Simon Fraser University (Policy), Naval Postgraduate School, Claremont Graduate University
- Pre-2017 Society of Labor Economists, Urban Economics Association, University at Albany, Ohio State University, APPAM Research Conference, Society of Labor Economists, NBER Summer Institute- Law & Economics 2018, APPAM Research Conference, North American Regional Science Conference, Society of Labor Economists, Western Economic Association, Syracuse University, Urban Economics Association, Southern Economic Association, Ohio State University, Miami University Ohio, Western Economic Association, Boston Federal Reserve Bank, Atlanta Federal Reserve Bank. IZA/CEDEFOP Workshop on Skills and Skill Mismatch, Southern Economic Association, University of Massachusetts Lowell, CT Data Collaborative Conference, CT Racial Profile Advisory Board, CT General Assembly: Methods for an Analysis of Policing Data, Census Bureau: LEHD: Benchmarking Competitiveness in STEM, Boston Foundation, National Neighborhood Indicators Partnership, Urban Institute, NE Sociological Association, CT General Assembly: Econometric Methods for Examining Racial Disparities in CT's State Contracting Process, CT General Assembly: The Connecticut STEM Workforce Pipeline

External Professional Service

Peer Reviews in Economics: Quarterly Journal of Economics; Journal of Policy Analysis & Management; European Economic Review; Labour Economics; Journal of Human Resources; Journal of Public Economics; Journal of Urban Economics; Journal of Empirical Legal Studies; Research Policy; IZA World of Labour; International Journal of Manpower; PLoS One.

Peer Reviews in Criminology: Criminology & Public Policy; Crime & Delinquency; Journal of Race, Ethnicity, & Politics; American Journal of Criminal Justice.

Grant & Other Reviews: Public Policy Institute of California; Russell Sage Foundation; Sloan Foundation; Criminal Justice Expert Panel.

Program Committee: APPAM Fall Research Conference, 2017, 2021, 2022 (Chair, Science and Technology), 2023 (Chair, Science and Technology); NYU Policing and Crime Workshop 2018 (Organized w/ Ingrid Gould Ellen and Morgan Williams); Eastern Economic Association 2016; University of Massachusetts Lowell Master of Science in Economics Advisory Board.

Memberships: American Economic Association; Association for Public Policy Analysis and Management; Urban Economics Association; Society of Labor Economists; American Association for the Advancement of Science.

Internal Professional Service

Northeastern University: Master of Public Administration Admission Committee (Public Policy, 23-24) Graduate Program Committee (Economics, 23-24); Undergraduate Program Committee (Economics, 22-23); AEFIS Graduate Program Evaluation (Economics); Digital Economies Search Committee (Public Policy); Interdisciplinary Crime Lunch (Public Policy).

Claremont Graduate University: Admissions Committee; PhD/MA Curriculum Program Committee