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School of Public Policy & Urban Affairs
Department of Economics
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Current Employment

2022- Pres Associate Professor (Untenured, Tenure-Track), School of Public Policy & Urban Affairs (Tenure Home) and Department of Economics, Northeastern University

Other Appointments

2020-Pres Visiting Scholar, Wagner School of Public Service, New York University

2022-Pres Visiting Scholar, Department of Public Policy, University of Connecticut

Education

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

Research Interests

- Primary: urban economics, labor economics, and public policy
- Secondary: discrimination, labor dynamics, skill formation, and innovation.

Previous Employment

2020-22 Assistant Professor, Department of Economic Sciences, Claremont Graduate 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)
Mentors: Bruce Weinberg and Julia Lane (NYU)

Pre-2016 Quinnipiac University (Visiting Faculty, Economics Department, 2013-16), Affiliated Research Economist (CT Economic Resource Center, 2012-16), Research Assistant for Kenneth Couch (CT Department of Labor and UConn, 2013-14), Teaching Assistant (UConn, Department of Economics, 2011-13), Research Assistant (MA Department of Revenue, Office of Tax Policy Analysis, 2011), Research Associate (University of Massachusetts Lowell, Center for Industrial Competitiveness, 2009-11), U.S. Congressional Aide (MA 5th Congressional District Office of Nikki Tsongas, 2009-10)

Scholarly Research

Published Papers

“Women are Credited Less in Science than Their Male Counterparts” with Britta Glennon, Raviv Murciano-Goroff, Enrico Berkes, Bruce A. Weinberg, Julia I. Lane. *Nature*, Forthcoming.

"Publish or Perish: Selective Attrition as an Unifying Explanation for Lifecycle Patterns in Innovation" with Huifeng Yu, Gerald Marschke, Joseph Staudt, Bruce A. Weinberg. *Journal of Human Resources*, Forthcoming.

"Testing for Disparities in Traffic Stops: Best Practices from the Connecticut Model" with Jesse J. Kalinowski and Kenneth Barone. *Criminology and Public Policy*, October 2020.

"The Effect of Intensive Margin Changes to Task Content on Employment Dynamics over the Business Cycle". *Industrial Labor Relations Review*, March 2020.

"A New Approach for Estimating Research Impact: An Application to French Cancer Research" with Gérard Chevalier, Christine Chomienne, Nicolas Guetta Jeanrenaud, and Julia Lane. *Quantitative Science Studies*, December 2020.

"Now You See Me, Now You Don't: The Geography of Police Stops" with Stephen L. Ross and Jesse J. Kalinowski. *American Economic Association Papers*, May 2019.

"Routine-Biased Technical Change: Panel Evidence of Task Orientation and Wage Effects", *Labour Economics*. 2017.

"Predicting Medical Subject Headings (MeSH) Beyond Medline" with Vetle Torvik, Adam Kehoe, and Neil Smalheiser; *Association for Computing Machinery (ACM) Proceedings of SWM 2017*. 2017.

"Contextualization and Integrated Basic Education and Skills Training: A National Program Review" with Couch, Kenneth and Jessica Vavrek; *Journal of Labor Research*. 2017.

Book Chapters

"The food safety research workforce and economic outcomes" with Akina Ikudo and Julia Lane, Ch. 6 of *Measuring the Economic Value of Research : The Case of Food Safety*; Edited by K. G. Husbands Fealing, S. R. Johnson, J. King, and J. I. Lane. Cambridge University Press. 2018

"Assessing the effects of food safety research on early career outcomes" with Stanley R. Johnson and John King, Chapter 8 of *Measuring the Economic Value of Research : The Case of Food Safety*; Edited by K. G. Husbands Fealing, S. R. Johnson, J. King, and J. I. Lane. Cambridge University Press. 2018.

Working Papers

"The Effect of Field Training Officers on Police Use of Force" with CarlyWill Sloan and Chandon Adger.

"Endogenous Driving Behavior in Tests of Racial Profiling in Police Traffic Stops" with Stephen L. Ross and Jesse J. Kalinowski.

"Is Police Training an Effective Intervention for Addressing Disparities?" with Hunter Johnson, Stephen L. Ross and Steve Mello

"Addressing Seasonality in Veil of Darkness Tests for Discrimination: A Regression Discontinuity Approach" with Stephen L. Ross and Jesse J. Kalinowski.

"Connections and Credit: How Social Networks Shape the Gender Gap in Research Output" with Raviv Murciano-Goroff, Britta Glennon, Russel Funk.

Papers in Progress- Policing and Discrimination

“Analysis of Early Exposure to Diversity on Racial Disparities in Policing” [Working Title] with Stephen L. Ross and Steve Billings.

“Policing, Crime, and Public Sector Pensions” [Working Title] with Steve Mello, CarlyWill Sloan, and Ben Feingold

“Using Cellphone Mobility Data as a Counterfactual for Police Traffic Stops” [Working Title] with Ken Barone and Stephen L. Ross

Papers in Progress- Innovation, Labor, and Technology

“Robots and Science: Automation in University Research Labs” [Working Title] with Raviv Murciano-Goroff.

Resting Papers

“A Network Approach to Bibliometric Record Linkage with Semantic Validation” with Bruce A. Weinberg, Ekaterina Levitskaya, and Enrico Berkes.

“Money for Something: The Link between Research Funding and Innovation” with Julia Lane, Britta Glennon, Russ Funk, and Raviv Murciano-Goroff.

“The Scientific Lifecycle: Innovation, Resources, and Selective Attrition” with Jung Dae Bae, Huifeng Yu, Joseph Staudt, Jason Owen Smith, Julia Lane, Gerald Marschke, Bruce A. Weinberg.

“The Effects of Own and Field Career Age on Research Productivity in Biomedical Science” with Bruce Weinberg, Huifeng Yu, Gerald Marschke, and Joseph Staudt.

Grants, Awards, and HonorsGrants and Contracts

Total of \$1,728,143 in extramural research funding from 2016 to present.

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. 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 via Institute for Municipal and Regional Policy and RI DOT/NHSTA. Total of \$222,690.
- 2013-19 PI for CT Traffic Stop Evaluation and Officer Analysis via Institute for Municipal and Regional Policy and CT DOT/NHSTA. 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

- 2022 New Orleans Police Department Bias-Free Analysis. US Department of Justice.
- 2022 Analysis of New Jersey State Police Traffic Stops. New Jersey Attorney General.
- 2013-21 State of Connecticut, Analysis of Racial Profiling in Police Traffic Stops- 11 reports.
 - Partners: CT General Assembly and Office of Policy & Management (via Institute for Municipal and Regional Policy, Central CT State University)
 - Public Department-Level Reports: 2020, 2019, 2018, 2017, 2015-16, 2014-15, and 2013-14
 - Internal Officer-Level Reports: 2020, 2019, 2018, 2017, 2015-16, 2014-15, and 2013-14
 - Media Coverage: NatGeo, US News, WNPR, WNPR, Marshall Project, New York Times, Reuters, New York Times, WNPR, Wall Street Journal, Hartford Courant
- 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, Central CT State University)
 - Public Department-Level Reports: 2019, 2018, 2017, and 2016
 - Internal Officer-Level Reports: 2016
 - Media Coverage: US News, Providence Journal

- 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

- 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, Cal State 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

Professional Service

Referee: 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; Sloan Foundation (IRIS Research Awards); Research Policy; Criminology & Public Policy; IZA World of Labour; Crime & Delinquency; International Journal of Manpower; Journal of Race, Ethnicity, & Politics; PLoS One; Journal of Policy Analysis and Management.

Program Committee: APPAM Fall Research Conference, 2017, 2021, 2022 (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

Teaching

Courses Taught, Graduate

- PhD Level: Public Economics (Claremont, 1x), Urban/Regional Economics (Claremont, Ohio State, and NYU 3x), Econometrics 1 (Claremont, 2x), Math for Econ (Claremont, 1x)
- MBA Managerial Economics (Quinnipiac, 1x)

Courses Taught, Undergraduate

- Applied Statistical Methods (Quinnipiac, 8x), Game Theory (Quinnipiac, 1x), Honors Micro (Quinnipiac, 1x), Principles of Macro (Quinnipiac and UConn, 7x), Money & Banking (UConn, 2x)

Personal

Citizenship: USA

Clearance: Special Sworn Status (U.S. Census Bureau)

References

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