

Bryan S. Weber, PhD

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Education

- 2011–2015 **Ph D, Economics**, University of Wisconsin - Milwaukee, Milwaukee, WI.
Dissertation: The Economics of Crime
Co-Advisors: John S. Heywood and Hamid Mohtadi
- 2009–2011 **MA, Economics**, UW-Milwaukee, Milwaukee, WI.
- 2005–2009 **BA, Economics**, *Honors, Cum Laude*, UW-Milwaukee, Milwaukee, WI.
- 2005–2009 **BA, Philosophy**, *Honors, Cum Laude*, UW-Milwaukee, Milwaukee, WI.

Academic Honors

- 2024–Present **Research Fellowship**, Department of Finance, University of Economics - Ho Chi Minh City (UEH).
Engaged in a collaborative initiative to foster academic exchange. Responsibilities include conducting and collaborating on published research, as well as contributing to scholarly UEH growth.
- 2023 **Fellowship**, Faculty Fellowship Publication Program, CUNY.
Competitive fellowship awarded to CUNY faculty, consisting of course release and the privilege of research critique by Professor Lina Newton (Hunter College, CUNY) and interdisciplinary peers.
- 2022 **Fellowship**, STEM Pedagogy Institute, CUNY Graduate Center.
CUNY-wide competitive fellowship. Shared and acquired teaching techniques, exercises and experiences for teaching STEM in diverse environments.
- 2010 **Fellowship**, Summer School in International Economics, Justus-Liebig University.
- 2009 **Best New Tutor**, Tutoring and Academic Resource Center, UW-Milwaukee.
- 2005–2009 **Magnatek Scholarship for Academic Merit**, Magnatek, UW-Milwaukee.

Experience

Academic

- 2024–Present **Doctoral Faculty**, The Graduate Center - City University of New York, Department of Economics.
Appointment to CUNY's centralized Graduate Center, grants permission to teach Doctoral level courses and supervise Doctoral students.
- 2023–Present **Associate Professor**, College of Staten Island - City University of New York, Lucille and Jay Chazanoff School of Business, Department of Economics.
- 2016–2023 **Assistant Professor**, College of Staten Island - City University of New York, Lucille and Jay Chazanoff School of Business, Department of Economics.
- 2015–2016 **Visiting Assistant Professor**, College of William & Mary, Department of Economics.
- 2011–2015 **Teaching Assistant**, UW-Milwaukee, Department of Economics.

Non-Academic

- 2015–2018 **Supporting Researcher**, National Consortium for the Study of Terrorism and Responses to Terrorism (START), Maryland.
- 2012 **Research Assistant**, Institute for Survey & Policy Research, Milwaukee.

Peer-Reviewed Publications

Published

- 2025 Emil Gensby, **Bryan S. Weber**, and Anders H. Christiansen. Investigating efficiency of free-for-all models in a matchmaking context. *IEEE Transactions on Games*, 17(2):374–383, September 2025.
- Fredrick Bedsworth, **Bryan S. Weber**, and Kevin Willardsen. Toothless tickets: Are speed cameras for public safety or a fiscal tool? *Transportation Research, Part A: Policy and Practice*, August 2025. (Accepted).
- Bryan S. Weber**, Paolo Cappellari, and Ali Moghtaderi. Effects of congestion surcharges: from ridership to competition and safety. *Economics of Transportation*, May 2025. (Accepted).
- Zoga Duka and **Bryan S. Weber**. The effect of mandatory salary revelations on job postings. *Economic Letters*, May 2025. (Accepted).
- Top 1% of most viewed papers in both 1 and 3 year ranges.
- 2024 **Bryan S. Weber**. The sharing economy and urban crime. *Cities*, 154:1–22, November 2024.
- Toan Luu Duc Huynh, Tam Nguyen Luong, and **Bryan S. Weber**. Time preferences and Lunar New Year: An experiment. *The B.E. Journal of Economic Analysis & Policy*, 24(4):1307–1319, July 2024.
- 2023 **Bryan S. Weber** and Paolo Cappellari. Assessing the impact of ferry transit on urban crime. *Urban Affairs Review*, 59(6):1950–1972, December 2023.
- Adam Amos-Binks and **Bryan S. Weber**. Risk management: Anticipating and reacting in StarCraft. *Proceedings of the AAAI Conference on Artificial Intelligence and Interactive Digital Entertainment*, 19(1):13–22, October 2023.
- 2022 Paolo Cappellari and **Bryan S. Weber**. An analysis of the New York City traffic volume, vehicle collisions, and safety under COVID-19. *Journal of Safety Research*, 83:57–65, August 2022.
- Bryan S. Weber** and Toan Luu Duc Huynh. COVID-19 challenges and firm responses: Analysis of a city-wide census in a developing country. *Managerial and Decision Economics*, 43(6):2184–2195, January 2022.
- 2021 Anders H. Christiansen, Emil Gensby, and **Bryan S. Weber**. Deployment of causal effect estimation in live games of Dota 2. *IEEE Transactions on Games*, 14(4):654–662, December 2021.
- Lam Hoang Viet Le, Toan Luu Duc Huynh, **Bryan S. Weber**, and Bao Khac Quoc Nguyen. Different firm responses to the COVID-19 pandemic shocks: machine-learning evidence on the Vietnamese labor market. *International Journal of Emerging Markets*, 18:2501–2522, July 2021.
- 2020 Hamid Mohtadi and **Bryan S. Weber**. Catastrophe and rational policy: Case of national security. *Economic Inquiry*, 59:140–161, June 2020.

2019 Kristin Mammen, Hyoung Suk Shim, and **Bryan S. Weber**. Vision Zero and traffic injury prevention in New York City. *Eastern Economic Journal*, 46:282–300, December 2019.

Honorary Mention for Best Paper at *Vision Zero's Research on the Road, 2024*.
Cited by Mayor Eric Adams as having policy impact within NYC.

Bryan S. Weber. Uber and urban crime. *Transportation Research Part A: Policy and Practice*, 130:496–506, December 2019.

Hamid Mohtadi and **Bryan S. Weber**. Terrorism risk and optimal policy response: theory and empirics. *Indian Growth and Development Review*, 13(2):449–468, October 2019.

Anders H. Christiansen, Emil Gensby, and **Bryan S. Weber**. Resolving simultaneity bias: Using features to estimate causal effects in competitive games. *Institute of Electrical and Electronics Engineers (IEEE) Conference on Games (COG)*, pages 1037–1044, August 2019.

John S. Heywood and **Bryan S. Weber**. University-provided transit and crime in an urban neighborhood. *The Annals of Regional Science*, 62:467–495, June 2019.

2018 **Bryan S. Weber**. Standard economic models in nonstandard settings—StarCraft: Brood War. In *IEEE Conference on Computational Intelligence and Games (CIG)*, pages 417–424, August 2018.

2014 **Bryan S. Weber**. Can safe ride programs reduce urban crime? *Regional Science and Urban Economics*, 48:1–11, September 2014.

In Progress (3)

2025 **Bryan S. Weber**, Bao Cong Nguyen To, Long Hoang Nguyen, and Quyen Thi Thao Tran. When storms strike: The moderating effect of Tobin's Q on investment. *International Review of Economics & Finance*, August 2025. (Under Review).

Bryan S. Weber, Nadia Deuytch, and DHH Hoang. Digital migration and climate change in Vietnam. *Journal of Economic Behavior and Organization*, October 2025. (Intended, In Progress).

Abel Brodeur, Derek Mikola, Nikolai Cook, Thomas Brailey, Ryan Briggs, Alexandra de Gendre, Yannick Dupraz, Lenka Fiala, Jacopo Gabani, Romain Gauriot, Joanne Haddad, and Gustav Kjellsson et al. Mass Reproducibility and Replicability: A New Hope. *IZA Discussion Paper Series*, pages 1–244, 2024. (Under Review at *The Review of Economic Studies*, one of **347** authors)

Abel Brodeur, David Valenta, Alexandru Marcoci, Juan P. Aparicio, Derek Mikola, Bruno Barbarioli, Rohan Alexander, Lachlan Deer, Tom Stafford, Lars Vilhuber, and Gunther Bensch et al. Comparing Human-Only, AI-Assisted, and AI-Led Teams on Assessing Research Reproducibility in Quantitative Social Science. *I4R Discussion Paper Series*, (195):1–52, 2025. (Under Review at *Nature*, one of **270** authors)

Selected Grants Awarded or Participated In

Peer-Reviewed (12)

- 2025 **Bryan S. Weber.** (Principal) “The Effect of Colonial Roads on US Development.,” Lucille and Jay Chazanoff School of Business, \$2,500.
Bryan S. Weber. (Principal) “Determinants of Migration in Developing Nations,” Research Foundation–CUNY, \$6,000.
- 2024 **Bryan S. Weber.** (Principal) “The Effect of Mandatory Salary Revelations on Job Postings,” Lucille and Jay Chazanoff School of Business, \$2,500.
- 2023 **Bryan S. Weber.** (Principal) “Property Ownership and Crime, The Case of AirBnB,” Research Foundation–CUNY, \$6,000.
Bryan S. Weber, Paolo Cappellari. (Principal) “A Framework for the Analysis of the Social Impact of Law Enforcement Behavior,” The Lucille and Jay Chazanoff School of Business, \$2,500.
- 2022 **Bryan S. Weber.** (Principal) “Savings And Investment Preparation Under Black Swan Events,” Research Foundation–CUNY, \$3,500.
Jonathan Peters and **Bryan S. Weber.** (Principal) “Utilizing Web-Scraped Spatial Hospitality Data for Research and Teaching: Examining Detailed AirBnB Data for Economic and Business Policy Issues,” Teaching Innovation Initiative, Lucille and Jay Chazanoff School of Business, \$4,500.
- 2020 **Bryan S. Weber.** (Principal), “STATA for Students,” Department of Economics, CSI - CUNY, \$3,145.
- 2018 **Bryan S. Weber.** (Non-PI, Supporting Personnel), “Deterrence, International Criminal History, Soft Targets and Horizon Scanning for Threats to Aviation,” Sponsored by Transport Security Administration. \$376,981.
- 2017 – 2018 **Bryan S. Weber.** (Principal, one of 6), “Proposal for Implementing OER at the College of Staten Island – CUNY,” Sponsored by CUNY: Office of Academic Affairs, CSI - CUNY, \$126,325.
- 2015 – 2018 **Bryan S. Weber.** (Non-PI, Supporting Personnel), “ARI-MA: Dissuading Adversaries and their RN Pathways: Integrating Deterrence Theory and Analytics in the GNDA,” Sponsored by National Science Foundation and Department of Homeland Security (DHS), \$351,839.
- 2016 **Bryan S. Weber.** (Principal), “OER Pilot Project,” Sponsored by College of William & Mary, \$2,000.

Presentations

- 2019–Present Workshops & Outreach (4) *Accumulated Venues: Journal of Asian Business and Economics Studies Seminar Talks, Faculty Center for Professional Development (Keynote), Bronx High School of Science Seminar, National Science Foundation: New York City Louis Stokes Alliance for Minority Participation*
- 2025 **Bryan S. Weber,** Bao Cong Nguyen To, Long Hoang Nguyen, and Quyen Thi Thao Tran. When storms strike: The moderating effect of Tobin’s Q on investment. 7th Asia Conference on Business and Economics Studies, August 2025. Ho Chi Minh City, Vietnam.

Bryan S. Weber. Review of: Man is to computer programmer as woman is to homemaker? The CUNY Graduate Center Economics Department LLM Reading Group, 2025. New York City, NY.

Bryan S. Weber, Paolo Cappellari, and Ali Moghtaderi. Effects of congestion surcharges: from ridership to competition and safety. Eastern Economics Association: Transportation and Applied Micro: Honoring the Career of Dr. Peter D. Loeb, February 2025. New York, NY.

2024 **Bryan S. Weber.** Vision Zero and traffic injury prevention in New York City. New York City Department of Transportation, November 2024. New York, NY. **(Honorary Mention).**

2013–Present Academic (34) **Accumulated Venues:** *CUNY Graduate Center: LLM Reading Group, Vision Zero Research on the Road (Honorable Mention), CUNY Graduate Center Economics Brown Bag Seminar, University of Economics Ho Chi Minh City Finance Department Seminar, American Economics Association: TPUG, Southern Economics Conference, Asia Conference on Business and Economics Studies (Keynote), North Carolina State University – Laboratory for Analytic Sciences: Wednesday Research Meetings, Western Economics Association International, Columbus Safe Rides Convening, Eastern Economics Association: Urban Economics, CUNY Games Conference, IEEE:CIG Poster Session, Rutgers Economics Department Seminar, Eastern Economics Association: Transportation – Costs, Pricing, and Innovations Session, National Consortium for the Study of Terrorism and Responses to Terrorism, CSI Lucille and Jay Chazanoff School of Business Seminar, Academic Research Initiative: Department of Homeland Security, Domestic Nuclear Detection Office, Annual Potsdam Conference in Empirical Economics, UW-Milwaukee Labor Economics Seminar*

Editorships & Refereeing

2022–Present Associate Editor *Evaluation Review*

2021–Present Associate Editor *Journal of Asian Business and Economic Studies*

2021–Present Referee, Grants *PSC-CUNY Research Award Program*

2015–Present Referee, Journals & Conferences **Accumulated Outlets:** *Nature: Humanities and Social Sciences Communications, Journal of Asian Architecture and Building Engineering, Traffic Injury Prevention, Journal Of Economic Behavior & Organization, Journal of Urban Economics, IEEE Transactions on Games, Conference on Games, Regional Science and Urban Economics, Urban Affairs Review, Journal of Behavioral and Experimental Economics, Conference on Artificial Intelligence and Interactive Digital Entertainment*

2024 Guest Editor *Special Issue of Journal of Financial Economic Policy, Digital Finance and Economy: Policies and Impacts*

Courses Taught

Present Graduate Center-CUNY (PhD) *Causal Machine Learning and Artificial Intelligence (1x), Independent Study (1x)*

2016–Present	CSI-CUNY	<i>Urban Economics (2x), Introductory Econometrics (14x), Behavioral Economics (3x), Economic & Managerial Statistics (2x), Introductory Microeconomics (6x), Introductory Macroeconomics (1x), Graduate Seminar in Big Data: Current Topics (1x), Business Data (2x), Independent Study (7x)</i>
2019	Graduate Center-CUNY (Masters)	<i>Capstone In Computer Science (2x).</i>
2015–2016	William & Mary	<i>Econometrics (1x), Industrial Organization (1x), Introductory Microeconomics (2x).</i>
2012–2015	UW-Milwaukee	<i>Introductory Microeconomics (Independently 1x, As TA 2x), Introductory Macroeconomics (As TA 1x).</i>

New Courses & Curricula Developed

- 2025 Causal Machine Learning and Artificial Intelligence. Audience is doctoral students at The Graduate Center, CUNY.
- 2023–Present University of Calabria Summer Exchange Program. Taught lessons on applied statistics to students at the Masters level.
- 2020 Urban Economics. Revised and taught course for the first time in 20 years.
- 2018 Introduction to Economic and Managerial Statistics with Open Educational Resources (OER). Zero Cost.
Introductory Macroeconomics with OER. Zero Cost.
Introductory Microeconomics with OER. Zero Cost.
- 2016 Introductory Microeconomics at The College of William and Mary with OER.

Student Mentoring

Supervision of Doctoral Dissertations

- 2023 Rowan Issaks, PhD in Economics, Vanderbilt University (external committee member). Topic: “Three Papers In Urban Economics.”

Supervision of Doctoral Dissertation Proposals

- 2024 Mayya Makarycheva, PhD in Economics, The Graduate Center - CUNY (committee member). Topic: “Determinants of Alcohol Consumption in the United States.”

Hyun Ngoc Quang Anh, PhD in Finance, University of Economics Ho Chi Minh City (external committee member). Topic: “Innovation and Firm Outcomes: The Case of Vietnam.”

Supervision of Master’s Theses and Projects

- 2019–2020 Kiwook Kwon, Independent Study (with Dr. Feng Gu), Department of Computer Science. Topic: “Using Machine Learning and the Cobb-Douglas Model in CUNYBot.”

Supervision of Bachelors Students

- 2023 Samuel Rozenfeld, Bachelor of Arts in Finance (Honors Thesis). Topic: “Impact of Stream Viewership on Digital Entertainment Stock Values.”
Marwan Mahmoud, Bachelor of Arts in Economics (Honors Thesis). Topic: “Economic and Medical Effects of Interventionist Health Policies.”
- 2018 Jaclyn LaLima, Bachelor of Arts in Economics (Honors Thesis). Topic: “The Effects of Raising the Minimum Wage.”
Tatiana Anderson and Maaz Syed, Bachelor of Arts in Computer Science (Honors Thesis). Topic: “Predictive Policing.”
- 2017 Jasmine Boone, Bachelor of Arts in Economics (Honors Thesis). Topic: “Evaluating Racial Biases in Policing and Crime Clearance.”

Supervision of Independent Studies

- 2025 Michael Melkadze, Department of Economics. Topic: “Impact of Conflict on Regional Production in Massively Simulated Economies.”
- 2018 John J. Jackson and Ali Mohamed, Department of Computer Science. Topic: “Modifications on CUNYBot: DolphinBot.”

Ali Mohamed, Department of Computer Science. Topic: “Modifications on CUNYBot.”

Service

College of Staten Island

- 2025 Faculty Advisor, AI Club.
- 2022–2024 Member, Data Analytics Working Group.
- 2022–2024 Committee Member, General Education Committee.
- 2019–2024 Committee Member, Academic Technology Committee.
- 2023–2024 Committee Member, Collaborative on Academic Careers in Higher Education (COACHE) Survey Analytics Group.
- 2020–2021 Member, Esports Working Group.
- 2017–2021 Committee Member, Course and Standing Committee

The CUNY Graduate Center

- 2025 Field Exam Committee. Designed Exam for Spatial Econometrics (Applied AI and ML Field Exam). Sole Committee Member.
- LLM Reading Group. Lead discussions on LLM and ML content to create interdisciplinary connections for new economists.

Lucille and Jay Chazanoff School of Business

- 2025 Speaker, Omicron Delta Epsilon Induction Ceremony.
- 2021–Present Committee Member, Quantitative Skills Committee.
- 2019–Present Committee Member, Assurance of Learning Committee: Econometrics.
- 2018 Master of Ceremonies, Commencement for the School of Business.

Economics Department

- 2022–Present Member, Curriculum Working Group.
- 2018 Committee Member, Search Committee for Long-Term Lecturer.

Professional

- 2025 Committee Chair, Asia Conference on Business and Economic Studies: Topics in Management Practices.
- 2017–Present Member, Urban Economics Association.
- 2015–Present Member, Transportation and Public Utilities Group.
- 2014–Present Member, American Economics Association.
- 2023 Committee Chair, Southern Economics Conference: Topics in Urban Economics.
- Committee Chair, Southern Economics Conference: Topics in Transportation I.
- Program Committee, Conference on Artificial Intelligence and Interactive Digital Entertainment (AIIDE)
- 2019–2020 Member, Southern Economics Association.
- 2017 Committee Chair, American Economics Association: Transportation and Public Utilities Group.

Public

- 2025 Vision Zero Research Award Committee, New York City Department of Transportation.
- 2015–2023 Member, Economics Stack Exchange. 184k people reached, top 50 contributors.

2023 Montreal Replication Games. Replicated recent major papers in economics, confirmed results aligned with claims.

Programming

Software

2017–2021 CUNYBot C++, BWAPI

CUNYBot Tournaments and Educational Usage

2017–2024 Student Starcraft AI Tournament (SSCAIT)

2022 Artificial Intelligence and Interactive Digital Entertainment (AIIDE)

2020 Used in Notre Dame's Computer Science and Engineering 40971.

2018–2019 Institute of Electrical and Electronics Engineers (IEEE): Conference on Computational Intelligence and Games (CIG), placed 18th out of 27th.

2018 Artificial Intelligence and Interactive Digital Entertainment (AIIDE)

Media Appearances & Interviews

2025 Khanh Hoa Television. Groundbreaking for UEH Nexus Campus Nha Trang. <https://shorturl.at/LHdwS>, 2025. (Televised Appearance).

International representative for foreign institutions at the groundbreaking of a new campus.

2024 Lauren Schnider. Robotaxis: Should we be on board? <https://scienceline.org/2024/12/robotaxiexplainer/>, December 2024. (Interview).

Interviewed by NYU's Science, Health & Environmental Reporting Program (SHERP).

New York City Department of Transportation. Vision Zero: Research on the Road – Vision Zero research award. <https://www.nyc.gov/html/dot/html/pr2024/vision-zero-research-award.shtml>, November 2024. (**Honorary Mention**).

Cited by Mayor Eric Adams as having a direct policy impact on NYC.