Sunny Rabiul Karim

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Education

PhD in Economics (2021–Present)
Carleton University, Ottawa, Canada
Thesis successfully defended November 13, 2026; degree conferral pending
(Supervised by Dr. Matthew D. Webb)

Master of Arts in Economics with a concentration in Financial Economics
Carleton University, Ottawa, Canada, December 2020

Master of Science in Economics
North South University, Dhaka, Bangladesh, December 2018

Bachelor of Science in Economics with a second major in Finance and Accounting
North South University, Dhaka, Bangladesh, December 2016

Research Fields

Microeconometrics, Applied Econometrics, Causal Inference, Health Economics, Labor Economics

Job Market Paper

- **Karim, S. R.** (2026). *Testing common causality of covariates: Evidence from private-sector ban-the-box policies* [Preprint]. arXiv. doi:10.48550/arXiv.2610.29148.

Papers Under Review

- Austin, N., **Karim, S. R.**, Strumpf, E., & Webb, M. D. (2026). *Which policy works, and where? Estimation and inference for state-level treatment effects in difference-in-differences* (Revise and resubmit, **Econometric Reviews**) [Preprint]. arXiv. doi:10.48550/arXiv.2609.01467.
- Chen, S., Gangji, A., **Karim, S. R.**, McCanny, A., & Webb, M. D. (2026). *Fewer homes, similar neighborhoods: Revisiting the evidence for racial housing discrimination in "Sorting or Steering."* (Third round reviews, **Journal of Political Economy**) [Found here]. Previously circulated as: "Many Misspellings of Albuquerque: A Comment on 'Sorting or Steering: The Effects of Housing Discrimination on Neighborhood Choice'."
- **Karim, S. R.**, Webb, M. D., Austin, N., & Strumpf, E. (2024). *Difference-in-differences with unpoolable data* [Preprint]. arXiv. doi:10.48550/arXiv.2403.15910.

Working Papers

- **Karim, S. R.**, Nielsen, M. Ø., MacKinnon, J. G., & Webb, M. D. (2026). *Improved inference for CSDID using the cluster jackknife* [Preprint]. arXiv. doi:10.48550/arXiv.2602.12043.
- **Karim, S. R.**, & Webb, M. D. (2024). *Good controls gone bad: Difference-in-differences with covariates* [Preprint]. arXiv. doi:10.48550/arXiv.2412.14447.

Publications (Pre-doctoral)

- Chowdhury, M. I., & **Karim, S. R.** (2020). Financial innovations and its impact on money demand in Bangladesh: An error correction model (ECM) approach. *International Review of Business Research Papers*, *16*(1), 34–54.
- Haque, S., Amin, S. B., & **Karim, S. R.** (2018). Disaster risk and impact of urbanization of megacities in Bangladesh: Evidence from Dhaka and Chittagong. *Journal of Accounting, Finance and Economics*, *8*(3), 35–57.

Media Mentions

- DiD digest - Parallel Trends. . . Conditionally: Covariates, Violations, and More Robust DiD Methods by Beatriz Gietner (August 2025) [Found here]
  Paper Discussed: Karim, S. R., & Webb, M. D. (2024). *Good controls gone bad: Difference-in-differences with covariates* [Preprint]. arXiv. doi:10.48550/arXiv.2412.14447.
- DiD digest - DiD+: Handling Data Constraints, Timing Issues and TWFE Limitations by Beatriz Gietner (August 2025) [Found here]
  Paper Discussed: Karim, S. R., Webb, M. D., Austin, N., & Strumpf, E. (2024).

Difference-in-differences with unpoolable data [Preprint]. arXiv. doi:10.48550/arXiv.2403.15910.

Conferences/ Presentations

- **2026:** Carleton University Brown Bag Seminar (Paper Presentation); 41st Canadian Econometrics Study Group (CESG) Annual Meeting, Vancouver, Canada (Paper Presentation); 2026 Canadian Stata Conference, Vancouver, Canada (Paper Presentation).
- **2025:** uOttawa Brown Bag Seminar, Ottawa (Paper Presentation); 40th Canadian Econometrics Study Group (CESG) Annual Meeting, Carleton University, Ottawa, Canada (Poster Presentation); 2025 Canadian Stata Conference, Ottawa, Canada (Poster Presentation); 59th Annual Meetings of the Canadian Economics Association (CEA), Montreal, Canada (Paper Presentation).
- **2024:** 58th Annual Meetings of the Canadian Economics Association (CEA), Toronto, Canada (Paper Presentation); Annual Conference of the International Association for Applied Econometrics (IAAE 2024), Thessaloniki, Greece (Paper Presentation); 39th CESG Annual Meeting, York University, Toronto, Canada (Poster Presentation).
- **2023:** 2023 Canadian Stata Conference, Toronto, Canada (Paper Presentation); 38th CESG Annual Meeting, McMaster University, Hamilton, Canada (Poster Presentation).
- **2017:** 15th Asian Business Research Conference, BIAM Foundation, Dhaka, Bangladesh (Paper Presentation).

Teaching

Teaching Assistant, Carleton University (2019–Present)

- **Graduate:** Data Science Analytics (Graduate and Undergraduate Cross-Listed Course, Fall 2026), M.A. Advanced Microeconomic Theory (Winter 2024, Winter 2022, Fall 2021), Microeconometrics (Winter 2024).
- **Undergraduate:** Intermediate Microeconomics: Producers and Market Structure (Fall 2026), Introductory Statistics for Economics (Winter 2026), Intermediate Macroeconomics (Summer 2025), Statistical Analysis in Economics (Fall 2024, Fall 2023, Fall 2022), Elementary Mathematics for Economics (Fall 2024), Research Methods in Economics (Winter 2024, Fall 2020), Honours Capstone Seminar (Fall 2023, Winter 2023, Fall 2022), Intermediate Microeconomics: Consumer and General Equilibrium (Winter 2022), Introductory Microeconomics (Fall 2021, Fall 2019), Introductory Macroeconomics (Winter 2020).
- **Responsibilities:** Led tutorials, graded assignments and examinations, held office hours.

Research Assistantships

Dr. Matthew D. Webb, Carleton University (2021–Present)
Dr. Saima Khan, National University of Singapore (2016)

Awards/ Scholarships

H. Edward English Memorial Scholarship, Carleton University, 2025.
Awarded to outstanding graduate students on the recommendation of the Department Chair.

Ontario Graduate Scholarship (OGS), Carleton University, 2025–2026; 2024–2025.
Merit-based scholarship funded by the Province of Ontario and Carleton University.

Gilles Paquet Scholarship, Carleton University, 2024, 2021, 2020.
Awarded to the most outstanding graduate student in the Economics program.

W. Irwin Gillespie Grad Scholarship, Carleton University, 2023.
Awarded to the most outstanding Ph.D. student in the Economics program.

Senate Medal for Outstanding Academic Performance, Carleton University, 2021.
Awarded to students with the highest academic standing upon graduation.

Academic Activities

Replication Games (Institute for Replication) , Replicator and Participant, Ottawa, 2023, 2024

Publications from Replication Games:

- Brodeur, A., Mikola, D., Cook, N., et al. (2026). Reproducibility and robustness of economics and political science research. *Nature*, *652*(8108), 151–156. doi:10.1038/s41586-026-10251-x.
- Brodeur, A., Valenta, D., Marcoci, A., et al. (2026). AI-assisted teams outperform AI-led teams but not human-only teams in assessing research reproducibility in quantitative social science. *Proceedings of the National Academy of Sciences*, *123*(22), e2524747123. doi:10.1073/pnas.2524747123.

Software

Programming and Statistical Software: R, Stata, Python, MATLAB, LaTeX.

- **Software Development:** Developed *CCC Test* (Common Causality of Covariates testing) for Stata, R, and Python [Here].
  Assisted in the development of *UN-DID* (Difference-in-Differences with Unpoolable Data) packages for
  CRAN [Here],
  Stata [Here],
  Julia [Here],
  and Python [Here];
  DID-INT (Integrated Difference-in-Differences) packages for
  Stata [Here]
  and Julia [Here];
  Jackknife Inference for Callaway and Sant'Anna for R and Stata [Here].