

# KEVIN A. BRYAN

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## FIELDS

Innovation, Econ of AI, Applied Theory, Entrepreneurship, Economic History, Antitrust

## CURRENT APPOINTMENTS

### **University of Toronto Rotman School of Management**

- 2021- Associate Professor of Strategic Management
- 2024- Chief Economist, Creative Destruction Lab Toronto
- All Day TA**
- 2024- Co-founder and CEO
- National Bureau of Economic Research**
- 2026- Faculty Research Fellow

## PREVIOUS APPOINTMENTS

### **University of Toronto Rotman School of Management**

- 2014-2021 Assistant Professor of Strategic Management
- 2015-2024 Lab Economist, Creative Destruction Lab (principally steering AI and Space programs)
- 2018-2026 Faculty Affiliate, School of Cities
- 2022-2026 Research Fellow, Sandra Rotman Centre for Health Sector Strategy
- L'université Cheikh Anta Diop, Dakar, Senegal**
- 2021 Professeur Invité d'Entrepreneuriat
- Duke University Fuqua School of Business**
- 2016 Adjunct Professor of Strategy
- Federal Reserve Bank of Richmond**
- 2007-2008 Assistant Economist
- 2006-2007 Research Associate
- Department of Commerce Foreign Commercial Service**
- 2005 Research Intern (Beijing, China)

## EDUCATION

### **Northwestern University Kellogg School of Management**

- 2009-2014 Ph.D. in Managerial Economics and Strategy
- 2011 M.S. in Managerial Economics and Strategy
- Virginia Commonwealth University**
- 2006-2008 M.S. in Mathematics
- Boston University**
- 2005-2006 M.A. in Economics
- 2002-2005 B.A. in International Relations and Economics

## JOURNAL PUBLICATIONS

- 2026 The Economic Impacts of AI: A Multidisciplinary, Multibook Review  
*Journal of Economic Literature*, March
- 2026 Information Frictions and Employee Sorting Between Startups (w/ M. Hoffman & A. Sariri)  
*American Economic Journal: Applied*, April
- 2026 Entrepreneurial Migration (w/ J. Guzman)  
*Review of Economics and Statistics*, February
- 2022 R&D Competition and the Direction of Innovation (w/ J. Lemus & G. Marshall)  
*International Journal of Industrial Organization*, May
- 2022 Value Capture in the Face of Known and Unknown Unknowns (w/ M. Ryall & B. Schipper)  
*Strategy Science*, September
- 2022 Downstream Health Impacts of Employment Losses During the Covid-19 Pandemic (w/ E. Buajitti, I. Giesinger, V. Goel & L. Rosella)  
*Canadian Journal of Public Health*, February
- 2021 The Economic and Long-Term Health Consequences of Canadian Covid Lockdowns (w/ E. Buajitti, V. Goel & L. Rosella)  
*Canadian Public Policy*, June
- 2021 Markets for Innovation: Market Failures and Public Policies (w/ H. Williams)  
*The Handbook of Industrial Organization (Elsevier)*, Volume 5
- 2021 The Impact of Open Access Mandates on Invention (w/ Y. Ozcan)  
*Review of Economics & Statistics*, December
- 2020 In-Text Patent Citations: A User's Guide (w/ Y. Ozcan & B. Sampat)  
*Research Policy*, May
- 2020 Antitrust Limits on Startup Acquisitions (w/ E. Hovenkamp)  
*Review of Industrial Organization*, June  
Winner, IIOC Best Paper by a Junior Author published in RIO in 2020
- 2020 Allocation of Decision Authority to Human & Artificial Intelligence (w/ S. Athey & J. Gans)  
*American Economic Review, Papers & Proceedings*, May
- 2020 Startup Acquisitions, Error Costs, and Antitrust Policy (w/ E. Hovenkamp)  
*University of Chicago Law Review*, March
- 2019 Young Stars in Economics: What They Do and Where They Go  
*Economic Inquiry*, July
- 2019 A Theory of Multihoming in Rideshare Competition (w/ J. Gans)  
*Journal of Economics & Management Strategy*, Spring
- 2017 The Direction of Innovation (w/ J. Lemus)  
*Journal of Economic Theory*, November
- 2017 Which Entrepreneurs are Coachable, and Why? (w. A. Tilcsik & B. Zhu)  
*American Economic Review Papers & Proceedings*, May

## WORKING PAPERS

- A Decision-Theoretic Model of AI Use (w/ J. Gans)  
Industrial Reversals of Fortune: The Case of the Early Airplane  
*Revise and Resubmit, Journal of Economic History*
- Profitable Double Marginalization (w/ E. Hovenkamp)  
Sequential Search on a Partition  
An Investment Theory of Bargaining (w/ M. Ryall)

## OTHER PUBLICATIONS

- 2026 Agentic AI as a Social Phenomenon: Comment on Hadfield and Koh  
in NBER volume *The Economics of Transformative AI*

- 2025 Innovation  
*in Elgar Encyclopedia on the Economics of Competition, Regulation and Antitrust*
- 2024 Balancing market innovation incentives and regulation in AI (w/ F. Teodoridis)  
*Brookings Institution Technology Policy & Regulation*, Sep 24, 2024
- 2022 How Can a Population Health Approach Be Both Useful and Credible?  
*Healthcare Papers*, January
- 2017 The Perils of Path Dependence: Evidence from the Nuclear Power Industry  
*in Survive and Thrive: Winning Against Strategic Threats...*, J. Gans & S. Kaplan eds
- 2016 Contracts for Adaptive Programming (w/ P. Carter)  
*Overseas Development Institute Report*, October
- 2009 Semiparametric Estimation of Land Price Gradients Using Large Data Sets (w/ P.-D. Sarte)  
*FRB Richmond Economic Quarterly* 95(1)
- 2008 On the Evolution of Income Inequality in the United States (w/ L. Martinez)  
*FRB Richmond Economic Quarterly* 94(2)
- 2007 The Evolution of City Population Density in the United States (w/ P.-D. Sarte & B. Minton)  
*FRB Richmond Economic Quarterly* 93(4)

### POPULAR WRITING

- No Driverless Cars an Issue in Canada  
*The Toronto Star*, 24 Feb 2026
- Elbows Down, Prime Minister  
*The Toronto Star*, 7 May 2025
- Carefully Tailoring Restrictions Will Be Crucial During the Second Wave  
*The Globe and Mail*, 13 October 2020
- What Randomization Can and Cannot Do  
*VoxEU.org*, 29 October 2019
- Air Canada's Takeover of Transat Would Sharply Reduce Competition  
*The Globe and Mail*, 20 May 2019
- The First Time Home Buyer Incentive is Bad Policy  
*The Globe and Mail*, 21 March 2019
- How we Create and Destroy Growth  
*VoxEU.org*, 11 October 2018
- Obituary: William J Baumol  
*Royal Economic Society Newsletter*, July 2017
- Bad Policy Has Played a Role in Canada's Housing Crisis  
*The Globe and Mail*, 17 May 2017
- Oliver Hart and the Nature of the Firm  
*VoxEU.org*, 1 November 2016
- Bengt Holmstrom and the Black Box of the Firm  
*VoxEU.org*, 23 October 2016; *republished by the Lindau Nobel Meeting Blog*
- Douglass North, an Economist's Historian  
*VoxEU.org*, 27 November 2015
- The Economics of John Nash  
*VoxEU.org*, 27 May 2015
- The Economic Ideas of Ronald Coase  
*VoxEU.org*, 10 September 2013.
- Residential Externalities (w/ P.-D. Sarte)  
*Richmond Fed Economic Brief*, February 2009.
- Jargon Alert: Arbitrage  
*Richmond Fed Economic Brief*, September 2007.

Personal research weblog A Fine Theorem (<http://afinetheorem.wordpress.com>)  
*Over 1 million hits; discussed by The Economist, Slate, Reuters, Forbes, Bloomberg, FT*

## PROFESSIONAL SERVICE

- 2022-2026 Co-Organizer/Lecturer (Diffusion, Econ of AI), NBER Innovation Research Boot Camp
- 2026 Lecturer on Economics of AI, IFP Economics of Ideas, Science, and Innovation PhD course
- 2023 Co-Organizer, Interactive Causal Learning Conference
- 2023- Member of the Board of Editors, Journal of Economic Literature
- 2021-2024 Associate Editor, Management Science (Business Strategy)

Media References/Interviews: CBC National, TVO, Poets & Quants, The Atlantic Monthly, Radio Canada, GlobalNews, the BBC, Betakit, the Hometown Podcast, the Rotman Insights Podcast, the Braemar Life Skills Academy Podcast, the Derby Mill Series podcast, Capitol Forum, the Toronto Star, the Globe and Mail, the Wall Street Journal, the Economist, NPR, Fast Company, ABC (Australia), Hamilton Spectator, the Daily Mail, Deutsche Welle, the Bipartisan Policy Institute Podcast, the Rotman Executive Summary podcast, Politico, Business Today (India), the South China Morning Post, the Hindu, Fortune, the Financial Post, and the Financial Times

## CONSULTING

### **Contractual consulting and keynote speaking on AI integration**

- 2014- Contractual consulting and keynote speaking on AI integration and entrepreneurial performance for dozens of organizations including CMA CGM, CIBC, the Canadian Space Agency, Pearson Airport, Trillium Health, Meta, the Canadian federal government, the Congressional Budget Office, the International AI Safety Report, etc.

### **Longitudinal Expert AI Panel**

- 2026- Academic Advisory Board member

### **Overseas Development Institute**

- 2016 Economic Adviser for “Contracts for Experimentation in Development”

### **Committee for Economic Development**

- 2012 Economic Adviser for “The Future of Taxpayer-Funded Research”

## INVITED SEMINARS, INCL. FORTHCOMING

- 2026 UT-Dallas, University of Hong Kong, University of Indiana, McMaster, the Toronto Society for the Diffusion of Useful Knowledge, Barcelona School of Economics
- 2025 Public Policy Forum, Congressional Budget Office, Hong Kong Monetary Authority-CEPR Conference, GREDEG/University Cote d’Azur KID Summer School (keynote), Bordeaux School of Economics REGIS Summer School, TABE/CABE Business Economists Seminar, Canada’s Ocean Supercluster Ambition 2035, CMA CGM Innovation Workshop, Antitrust@Cornell25 (discussant), CEPR Economics of AI (discussant), WEFI (discussant), NBER Transformational AI (discussant)
- 2024 Bern, Utah-BYU Strategy Conference (discussant), What if we Succeed Asilomar AI Conference (discussant), Graduate Management Admission Council, S&P Global, College de France Zvi Griliches Memorial Conference, International Monetary Fund (Fiscal Monitor 2024), NBER Summer Institute (discussant)
- 2023 AEA (discussant/chair), SIE Workshop (discussant), University of Saskatchewan, Princeton, CEPR Advanced Forum in Financial Economics
- 2022 ENSEA Abidjan, University of Cape Town, REER (discussant)
- 2021 Field Experiments in SIE, KU Leuven
- 2020 London Business School, Canadian Centre for Health Economics, Fields Institute, Ontario

- Modeling Consensus Table, Sussex SPRU
- 2019 Toulouse, Max Planck Institute Leipzig Conference, Boston University Questrom, Zhejiang University IO Conference, UBC IO Summer Conference, Amherst, NBER Summer Institute PRINN (discussant), COFECE [Mexico Competition Authority]
- 2018 MIT Sloan, NYU Stern Strategy Workshop, Queen's Organizational Economics (discussant), NBER Summer Institute PRINN (discussant), Carnegie Mellon-Pittsburgh joint seminar, Illinois Urbana-Champaign, Harvard Business School
- 2017 AEA, AEA (discussant), DRUID, BRICK Carlo Alberto, Academy of Management, UBC Sauder, REER (discussant)
- 2016 Academy of Management, VCU, Duke Fuqua, Duke Strategy Conference
- 2015 Maryland Smith Entrepreneurship Research Conference (SERC), Waterloo
- 2014 Cornell Johnson, Oregon, Toronto Rotman, RPI, Duke Fuqua, Denver, Central Florida, Bilkent, REER, Intl. Biometric Society (ENAR), NBER Summer Institute PRINN
- 2013 Carnegie Mellon

### LIST OF COURSES TAUGHT

- Economics of Ideas and Innovation, Ph.D. level, University of Toronto ( $\times 3$ )
- Progress: How Big Things Get Done, MBA level, University of Toronto
- Creative Destruction Lab Advanced, MBA level, University of Toronto ( $\times 5$ )
- Competitive Strategy, MBA level, University of Toronto ( $\times 5$ )
- Competitive Strategy, Undergraduate level, University of Toronto ( $\times 16$ )
- L'entrepreneuriat à forte croissance, Masters Level, UCAD Dakar [2021]
- Markets for Innovation (joint w/ Heidi Williams), American Economic Association [2021]
- The Economics of Innovation (joint w/ Wesley Cohen), Ph.D. level, Duke University [2016]

### TEACHING AWARDS

- 2015-2021 Rotman School of Management Teaching Award

### GRANTS

- 2023 Co-PI: Alfred P. Sloan Foundation (*USD\$249,100*)
- 2019 PI: Sandra Rotman Centre for Health Sector Strategy (*CAD\$25,000*)
- 2019 Co-PI: Alfred P. Sloan Foundation (*USD\$20,000*)
- 2016 PI: SSHRC Institutional Grant (*CAD\$5,000*)
- 2014 PI: Alfred P. Sloan Foundation, Economics of Knowledge Contribution and Distribution (*USD\$10,000*)

### JOURNALS/GRANTS REFEREED FOR

Academy of Management Review, American Economic Review, American Economic Journal: Applied, American Economic Review: Insights, American Economic Journal: Policy, Canadian Journal of Economics, Economic Journal, Economics of Transition, FONDECYT-Chile, Foundations and Trends in Accounting, International AI Safety Report, International Economic Review, International Journal of Game Theory, International AI Safety Report, International Journal of Industrial Organization, Journal of Computer & System Sciences, Journal of Development Economics, Journal of Economic Geography, Journal of Economic Literature, Journal of Economic Theory, Journal of Economics & Management Strategy, Journal of Empirical Legal Studies, Journal of the European Economic Association, Journal of Political Economy, Journal of Technology Transfer, Management Science, Managerial & Decision Economics, Mathematical Social Sciences, Organizational Science, PNAS Nexus, Quarterly Journal of Economics, RAND Journal of Economics, Research Policy, Review of Economic Studies, Scandinavian Journal of Economics, Science, Southern

Economic Journal, Stanford Law Review, Strategic Management Journal, Technovation,  
US-Israel Binational Science Foundation

LANGUAGES: English (native), Spanish (intermediate), Mandarin Chinese (intermediate),  
French (intermediate)

CITIZENSHIP: USA, Permanent Resident of Canada

**CURRENT AS OF FEBRUARY 2026**