

# Dave Donaldson

## **CONTACT:**

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## **PERSONAL:**

Citizenship: Canada, UK, US permanent resident  
Date of birth: 4 June 1978

## **EDUCATION:**

2003-2009 PhD in Economics, London School of Economics  
2001-2003 MSc in Economics (with Distinction), London School of Economics  
1997-2001 Masters in Physics, University of Oxford (Trinity College)

## **EMPLOYMENT:**

2017-present Professor of Economics, MIT, Department of Economics  
2016-2017 Visiting Research Scholar, Humboldt University, Berlin  
2014-2017 Associate Professor of Economics (with tenure), Stanford, Department of Economics  
2013-2014 Gary Loveman Career Development Associate Professor, MIT, Department of Economics  
2012 Visiting Professor of Economics, Stanford University, Dept. of Econ. and SIEPR  
2011 Visiting Professor of Economics, Harvard University, Department of Economics  
2011 Academy Scholar, Harvard Academy for International and Area Studies  
2011-2013 Gary Loveman Career Development Assistant Professor, MIT, Department of Economics  
2009-2011 Assistant Professor, MIT, Department of Economics

## **EDITORIAL ROLES:**

2016-present Co-Editor, *American Economic Journal: Applied Economics*  
2015-present Board Editor, *Journal of Economic Literature*  
2014-2017 Foreign Editor, *Review of Economic Studies*  
2014-2018 Associate Editor, *Quarterly Journal of Economics*  
2012-present Associate Editor, *Journal of International Economics*  
2015-2017 Board Editor, *American Economic Review*

## **HONORS, SCHOLARSHIPS AND FELLOWSHIPS:**

2018 Henry George Lecture, University of Scranton  
2018 Elmhirst Memorial Lecture, International Association of Agricultural Economists

2018 TW Schultz Award, Agricultural and Applied Economics Association  
2017 Fellow, Econometric Society  
2017-present Associate, ThReD (Theoretical Research in Development Economics)  
2017 John Bates Clark Medal, American Economic Association  
2016-present Fellow, BREAD  
2015-present Research Fellow, CEPR (Development Economics, and International Trade and Regional Economics programs)  
2014-present Research Associate, NBER (International Trade and Investment, Development of the American Economy, and Development Economics groups)  
2013, 2014 Excellence in Refereeing Award, *American Economic Review*  
2013-2015 Sloan Research Fellowship  
2011-2015 Research Affiliate, CEPR (Development Economics, and International Trade and Regional Economics programs)  
2011 PhD Teacher of the Year Award (Final 3), MIT Graduate Economics Association  
2011-2016 Affiliate, BREAD  
2011 Presenter, Young Talent Session, 2011 Royal Economic Society Annual Conference  
2010 WTO Young Economist Prize  
2010-2014 Faculty Research Fellow, NBER (International Trade and Investment, Development of the American Economy, and Development Economics groups)  
2009-2011 Junior Fellow, Canadian Institute for Advanced Research (CIFAR)  
2009 Review of Economic Studies Tour (declined)  
2008 Econometric Society European Winter Meetings (for job market candidates)  
2008-2009 Bagri Fellowship, LSE  
2006-2007 Royal Economic Society Fellowship  
2006-2007 Tutorial Fellowship, LSE  
2005-2006 Acworth Scholarship, LSE  
2003-2006 Economics Departmental Studentship, LSE  
2003-2005 Outstanding Teaching Award, LSE  
1997-2001 McKeown Scholarship for Overseas Undergraduates, Oxford University

## **RESEARCH GRANTS:**

2017-2019 IGC Grant, \$88,280: "Understanding the Welfare Effects of Reducing Traffic Congestion" (with Josh Blumenstock and Martina Kirchberger)  
2016-2019 NSF Award 1559015, \$447,930: "Robust Counterfactual Predictions in Neoclassical Models of International Trade" (with Rodrigo Adao and Arnaud Costinot)  
2015-2018 PEDL Major Grant, \$228,000 (with Paul Carrillo, Dina Pomeranz and Monica Singhal)  
2015-2018 IGC Grant, \$72,000 (with Paul Carrillo, Dina Pomeranz and Monica Singhal)  
2015-2016 IPA SME Program Competitive Fund, \$25,000 (with Paul Carrillo, Dina Pomeranz and Monica Singhal)  
2015 SEED Innovation and Entrepreneurship in Developing Economies, \$35,000 (with Paul Carrillo, Dina Pomeranz and Monica Singhal)  
2013-2016 IZA/DFID Growth and Labor Markets in Low Income Countries Program, \$400,216 (with Josh Blumenstock)  
2103-2014 MITEI Seed Fund, \$93,000  
2012-2013 MIT SHASS Research Fund, \$9,990  
2012-2015 NSF Award 1227635, \$375,144: "Gains from Economic Integration: Theory and Evidence from Agricultural Markets" (with Arnaud Costinot)  
2012-2015 NSF Award 1156239, \$413,850: "Railroads and American Economic Growth: New Data and Theory" (with Rick Hornbeck)

2009-2011 IGC Grant, \$96,000: "Who's Getting Globalized? Intranational Trade Costs and World Price Pass-Through in South Asia and Sub-Saharan Africa" (with David Atkin)

### **PROFESSIONAL ROLES:**

2019 Instructor, AEA Continuing Education Program  
2018 Frisch Medal Selection Committee, Econometric Society  
2017 EHA Meetings, Program Committee Member  
2016-present International Growth Centre, Co-Director (International Trade program)  
2016 AEA Meetings, Program Committee member  
2015-2016 NBER Summer Institute, International Trade and Investment session co-organizer  
2012-present The History Project, Advisory Committee member

### **TEACHING EXPERIENCE:**

2018 Research in Economics, undergraduate level, MIT  
2018 CEMMAP Masterclass, UCL/IFS  
2017-present International Trade (2-semester sequence), PhD level, MIT  
2017-present Advanced Development Economics, undergraduate level, MIT  
2017 Introduction to Urban Economics, Bing Overseas Scholars Program, Stanford in Berlin  
2014-2016 International Trade, PhD level, Stanford  
2012 BREAD Summer School in Development Economics (lectures on International Trade)  
2010-2014 International Trade, PhD level, MIT  
2009-2014 Introductory Development Economics, undergraduate level, MIT  
2009-2014 Advanced Development Economics, undergraduate level, MIT

### **PUBLICATIONS:**

"The More We Die, the More We Sell? A Simple Test of the Home-Market Effect", *Quarterly Journal of Economics*, forthcoming (joint with Arnaud Costinot, Margaret Kyle and Heidi Williams).

"The Elusive Pro-Competitive Effects of Trade", *Review of Economic Studies*, 1(1):46-80, 2019 (joint with Costas Arkolakis, Arnaud Costinot and Andres Rodriguez-Clare).

"Railroads of the Raj: Estimating the Impact of Transportation Infrastructure", *American Economic Review*, 108(4-5):899-934, 2018.

"Nonparametric Counterfactual Predictions in Neoclassical Models of International Trade", *American Economic Review*, 107(3): 633-689, 2017 (joint with Rodrigo Adao and Arnaud Costinot).

"The View from Above: Applications of Satellite Data in Economics", *Journal of Economic Perspectives*, 30(4):171-198, 2016 (joint with Adam Storeygard).

"Railroads and American Economic Growth: A 'Market Access' Approach", *Quarterly Journal of Economics*, 131(2):799-858, 2016 (joint with Rick Hornbeck).

"Evolving Comparative Advantage and the Impact of Climate Change in Agricultural Markets: Evidence from 1.7 Million Fields Around the World", *Journal of Political Economy*, 124(1):205-248, 2016 (joint with Arnaud Costinot and Cory Smith).

"The Gains from Market Integration", *Annual Review of Economics*, 7:619-647, 2015.

"Comparative Advantage and Optimal Trade Taxes", *Quarterly Journal of Economics*, 130(2):659-702, 2015 (joint with Arnaud Costinot, Jon Vogel and Iván Werning).

"Ricardo's Theory of Comparative Advantage: Old Idea, New Evidence", *American Economic Review: Papers and Proceedings*, 102(3): 453-458, 2012 (joint with Arnaud Costinot).

"What Goods Do Countries Trade? A Quantitative Exploration of Ricardo's Ideas", *Review of Economic Studies*, 79(2): 581-608, 2012 (joint with Arnaud Costinot and Ivana Komunjer).

"Can Openness Mitigate the Effects of Weather Fluctuations? Evidence from India's Famine Era", *American Economic Review: Papers and Proceedings*, 100(2): 449-453, 2010 (joint with Robin Burgess).

*Confronting Global Poverty (Expert Group on Development Issues)*, Ministry of Foreign Affairs and Aid, Government of Sweden, 2005 (joint with Timothy Besley and Robin Burgess).

## **WORKING PAPERS:**

"Economies of Scale and Industrial Policy: A View from Trade"(joint with Dominick Bartleme, Arnaud Costinot and Andres Rodriguez-Clare)

"The Geography of Path Dependence" (joint with Treb Allen)

"Who's Getting Globalized? The Size and Implications of Intranational Trade Costs", revise and resubmit at *Econometrica* (joint with David Atkin).

"How Large Are the Gains from Economic Integration? Theory and Evidence from US Agriculture, 1880-1997", revise and resubmit at *Econometrica* (joint with Arnaud Costinot).

"Weather and Death in India" (joint with Robin Burgess, Olivier Deschênes and Michael Greenstone).

"Dynamics of a Malthusian Economy: India in the Aftermath of the 1918 Influenza" (joint with Dan Keniston).

"Railroads and the Demise of Famine in Colonial India" (joint with Robin Burgess).

## **INVITED CONFERENCE/SEMINAR PRESENTATIONS:**

2018 Wisconsin (Agricultural Economics); Iowa State; Princeton Future of Globalization Conference; Virginia (Trade seminar); UC Santa Barbara; UC Irvine; UC Davis; RES Annual Conference (Sargan lecture); Millennium Challenge Commission; Boston College (Trade seminar); Syracuse (Trade seminar); Chicago (Becker Applied seminar); Essex;

Nottingham; CEA Annual meeting (State-of-the-art lecture); Amsterdam Trade and Development conference (keynote talk); Vienna Workshop on International Economic Networks (keynote talk); NBER Summer Institute (ITI session); International Conference of Agricultural Economists (Elmhirst lecture); USC (Development seminar); EBRD conference on Infrastructure, Growth and Development; UQAM; Columbia (Spatial Economics Through the Lens of Economic History Conference); Cornell (Development seminar); NYU (Development seminar); Houston Fed (International Trade and Macro conference); Harvard (Economic History seminar); Philadelphia Fed (Urban seminar); MIT (joint Trade/Organizations seminar); Scranton (Henry George lecture); LACEA (invited session); NBER DEV group meeting

- 2017 Oxford (OxCarre seminar); LSE (Grantham Climate Change seminar); NBER IO Group meeting; Bonn (Macro seminar); Trinity College Dublin; LSE (International Trade seminar); Tinbergen (Spatial, Transport and Environmental Economics seminar); University of Toronto (International Trade seminar); IGC Policy Roundtable with Minister for Trade and Industry, Rwanda; IGC Conference on FDI, SMEs, Firm Growth and Trade, Kenya; MIT/Harvard (Development seminar); Brown (International seminar); Potsdam (Departmental seminar); Yale (Cowles lunch); Yale (International seminar); CESifo Area Conference on Global Economy (keynote address); Paris International Trade seminar; Stockholm School of Economics (Development seminar); Stockholm University (Development seminar); Tsingua Center for Growth and Institutions Meeting; CEMFI (Empirical Micro workshop); GMU (Washington Area Economic History seminar); World Bank Space and Productivity Conference (keynote address); UCLA (Economic History mini-conference); Dartmouth (Trade seminar); U Maryland Firms in Development conference; Purdue (Agricultural Economics seminar); Indiana University (Micro seminar); Agricultural and Applied Economics Association annual meetings (TW Schultz award lecture).
- 2016 ASSA meetings (session on “Internal Trade and Economic Integration”); ASSA meetings (session on “Trade and Growth”); ASSA meetings (panel discussion on “Productive Development Policies in Latin America”); Berkeley (Oliver E. Williamson seminar); York (International Trade seminar); Princeton (joint Development and Macro seminar); Princeton (International Trade seminar); Penn State (International Trade and Development seminar); Columbia (Development seminar); Chicago (Money and Banking seminar); GTAP Annual Conference in Washington, DC (keynote address); IES Princeton Summer Workshop on International Trade; Bank of Italy (Applied Micro seminar); URBAN Conference, Copenhagen; GLM-LIC Conference on Labor Markets in Low-Income Countries, Oxford; University of Zurich (UBS Seminar); IGC/SCID Conference on “Firms, Trade and Development”; Humboldt University (Schumpeter seminar); University of Odense (Economic History seminar); University of Copenhagen (Economic History seminar); Federal Reserve Board of Governors (International Trade seminar); Sciences Po (International Trade seminar); Hitotsubashi Conference on International Trade.
- 2015 Berkeley (International Trade mini-conference); Berkeley (Development seminar); Notre Dame (Development seminar); University of Washington (Development seminar); UCLA (Mini-conference on Economic History and Trade); UC Davis (International seminar); University of Oregon (International seminar); Northwestern (International seminar); Yale-Cowles conference on Macro/International Economics; Minnesota Macro conference; SITE Economic History conference; Harvard/MIT (International seminar); Arizona State University (Macro seminar); USC (International seminar); UCLA Anderson (Applications seminar); Michigan (International seminar); Wisconsin (joint International and IO seminar); Advances in Price Theory conference at University of Chicago; Duisburg-

- Essen (Demography seminar); National Bank of Belgium (Research seminar); ECARES (Research seminar)
- 2014 ASSA meetings; Berkeley (International/Macro seminar); Wharton (Applied seminar); London School of Economics (Development seminar); Oxford University (Development seminar); NYU Stern (International seminar); Duke (International seminar); UC San Diego (Trade/Development seminar); World Bank Conference on Trade, Shared Prosperity and Poverty; World Bank (Macro, Trade and Finance seminar).
- 2013 Paris School of Economics (Development seminar); Pompeu Fabra (Development/Labor seminar); Clemson (International seminar); Kellogg (Management and Strategy seminar); Colorado (Economic History seminar); Chicago Economics (Macro workshop); Harvard (History and Economics seminar); Rutgers (Applied Micro/Economic History seminar); Columbia (International seminar); Chicago Booth (Applications workshop); Carnegie-Mellon (Applied micro seminar); Vancouver School of Economics inaugural conference; Warwick (Development seminar); University of Toronto (Urban seminar); IIES Stockholm (Departmental seminar).
- 2012 History seminar); Berkeley (Development seminar); Stanford (International seminar); Stanford (Economic history seminar); Berkeley (Labor seminar); UCLA (Economic History seminar); UC Davis (joint International and Economic History seminar); UCSD (Applied micro seminar); Stanford (Development seminar); Northwestern Nemmers Prize (for Elhanan Helpman) Conference; UC Santa Cruz (International seminar); Stanford IO/Applications seminar); IIES Stockholm Conference on Climate and the Economy; Princeton (Engineering department seminar); McGill University (Development seminar); IGC London Growth Week (Macro session); Inter-American Development Bank (Development seminar).
- 2011 Harvard (Economic History seminar); Harvard-MIT (Development and Environmental seminar); Royal Economic Society Annual Conference (special session on "Young Talent"); MIT (Macro-International seminar); LSE (International seminar); CIFAR IOG group; STICERD Development Economics, Public Economics, Political Economy Conference; IES (Princeton) Summer Trade Workshop; NBER Summer Institute (ITI group); Harvard (joint International and Labor seminar); Yale (joint International and Economic History seminar); Wisconsin (International seminar); World Bank-IGC International Trade Workshop; Brown (Macro seminar); Harvard (Development faculty lunch); MIT (Development lunch); MIT (Labor/Public Finance seminar); Harvard Academy; University of Maryland (International seminar); Sciences-Po (Departmental seminar); Central European University (Seminars on New Economic Thinking).
- 2010 World Bank (International Trade seminar), University of Pennsylvania (Macro seminar), CIFAR IOG group, CIFAR Junior Fellows Meeting, World Bank (Development seminar), Philadelphia Federal Reserve, Bocconi (Development seminar), Boston College (International seminar), Dartmouth (International seminar), IGC Conference on Urbanization and Growth.
- 2009 UCLA (recruiting seminar), University of Toronto (recruiting seminar), Princeton (recruiting seminar), Yale (Economics and School of Management, recruiting seminars), Northwestern (recruiting seminar), Berkeley (recruiting seminar), Stanford (recruiting seminar), Chicago Booth School of Business (joint micro and macro recruiting seminar), Chicago Department of Economics (recruiting seminar), MIT (Economics and Sloan School of Management, recruiting seminars), Harvard (recruiting seminar), Brown (recruiting seminar), Wharton (recruiting seminar), NYU (recruiting seminar), Boston

University (recruiting seminar), University College London (recruiting seminar), Minneapolis Federal Reserve (Applied Micro Workshop on Trade and Productivity), NBER Summer Institute (International Trade and Investment group), International Monetary Fund (International seminar), World Bank (Climate Change seminar), Penn State (International seminar).

- 2008 Harvard/Hitotsubashi/Warwick Economic History Conference; Nottingham University (International seminar); CEPR Development Economics Conference; LSE (Money and Macro seminar; Labor Markets Workshop; Development and Growth Seminar; International Economics Seminar; Competition, Capabilities and Innovation Seminar; Economic History Seminar; Urban and Regional Economics Seminar); Warwick University (Development seminar), Econometric Society, European Winter Meetings; Oxford University (International Trade seminar), Toulouse School of Economics (recruiting seminar).
- 2005 Expert Group on Development Issues, Ministry of Foreign Affairs and Aid, Sweden; University of British Columbia (Varshney Conference on Indian Economy).

### **PROFESSIONAL ACTIVITY:**

- Discussant: NBER Conference on Firms, Networks and Trade: Alfaro-Urena, Manelici and Vasquez (2018)
- NBER Trade and Labor Markets Conference: Pierce and Schott (2017)
- EHA Meeting 2017: Hanlon (2017)
- NBER Summer Institute (ITI group), 2017: Fajgelbaum and Schaal (2017)
- IES Princeton Summer Trade Workshop, 2017: Barjamovic, Chaney, Cosar and Hortascu (2017)
- NBER EFJK group meeting, 2106: Fajgelbaum, Morales, Suarez Serrato and Yidar (2016)
- ASSA meetings, 2016: *Productive Development Policies in Latin America* (book by IADB)
- ASSA meetings, 2016: Chor, Manova and Yu (2015)
- SEEPAC Economics of Climate Change conference, 2015: Ganpati, Shapiro and Walker (2015)
- PERC conference on climate change, 2015: Desmet, Nagy and Rossi-Hansberg (2015)
- IES Princeton Summer Trade Workshop, 2014: Cosar and Demir (2014)
- Yale Cowles Summer Conference (New Perspectives on Macroeconomics, Trade and Development): Hanson, Lind and Muendler (2014)

NBER Summer Institute (ITI group), 2013: Desmet and Rossi-Hansberg (2012)

Handbook of International Economics (Vol. 3) conference, 2012: Nunn and Trefler (2012)

NBER Summer Institute (ITI group), 2010: Caliendo and Parro (2010)

IES Princeton Summer Trade Workshop, 2010: Hsieh and Ossa (2010)

Philadelphia Fed International Trade Workshop, 2010: Simonovska and Waugh (2010)

### **STUDENTS (CO-)ADVISED, WITH FIRST PLACEMENT:**

2017	David Tsirikidze, Edgeworth Economics
2016	Rodrigo Adao, Chicago Booth (Assistant Professor)
2016	Mari Tanaka, Hitotsubashi (Assistant Professor)
2015	Nina Harari, Wharton (Assistant Professor)
2015	Sara Hernandez, Northwestern (Lecturer)

### **UNIVERSITY COMMITTEE RESPONSIBILITIES:**

2017-present	Director of Undergraduate Studies (MIT Economics)
2015-2016	Macroeconomics PhD curriculum review committee (Stanford Economics), Chair
2015-2016	PhD Recruiting committee (Stanford Economics), co-Chair
2013-2014	PhD Admissions committee (MIT Economics)

### **EVENTS (CO-)ORGANIZED:**

2018	IGC/Stanford conference on "Firms, Trade and Development"
2018	NBER conference on "Trade and Agriculture"
2017	IGC conference on "Firms, Trade and Development", Columbia
2017	IGC conference on "FDI, SMEs, Firm Growth and Trade", Nairobi
2016	Third IGC/SCID Conference, "Firms, Trade and Development"
2016	SITE, "New Directions in Economic Geography"
2016	PacDev, Stanford
2015	Second IGC/SCID Conference, "Firms, Trade and Development"
2015	West Coast Trade Workshop, Stanford
2014-present	International Trade seminar, Stanford
2014	First IGC/SCID Conference, "Trade, Productivity and Development"
2009-2014	International Trade seminar, MIT