

## Kirk Bennett Doran

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### Current Academic Positions:

Henkels Family Collegiate Chair, and Associate Professor, Economics Dept., University of Notre Dame  
Fellow, IZA (Institute of Labor Economics)

### Past Academic Positions:

|                     |   |                       |
|---------------------|---|-----------------------|
| Associate Professor | Department of Economics, University of Notre Dame | July 2015 – July 2018 |
| Assistant Professor | Department of Economics, University of Notre Dame | July 2008 – June 2015 |
| Instructor          | Department of Economics, University of Notre Dame | July 2007 – June 2008 |
| Visiting Researcher | National Bureau of Economic Research              | Sep. 2010 - May 2011  |

### Education:

Princeton University, Ph.D., Economics, 2008;  
Dissertation Advisors: Henry Farber (Chair), Orley Ashenfelter, Christina Paxson  
Princeton University, A.M., Economics, 2005  
Harvard University, S.M., Applied Mathematics, 2002  
Harvard University, A.B., Physics, *magna cum laude*, 2002

### Publications at Peer-Reviewed Economics Journals: (most recently written on top)

"Ethnic Complementarities after the Opening of China: How Chinese Graduate Students Affected the Productivity of Their Advisors"

with Ying Shen and George Borjas

*Journal of Human Resources*, Volume 53, Number 1, pages 1-32, Winter 2018.

"Prizes and Productivity: How Winning the Fields Medal Affects Scientific Output"

with George Borjas

*Journal of Human Resources*, Volume 50, Number 3, Pages 728-758, Summer 2015.

"Which Peers Matter? The Relative Impacts of Collaborators, Colleagues, and Competitors"

with George Borjas

*Review of Economics and Statistics*, Vol. 97, No. 5, Pages 1104-1117, December 2015.

"Cognitive Mobility: Native Responses to Supply Shocks in the Space of Ideas"

with George Borjas

*Journal of Labor Economics*, Volume 33(S1), pages S109-S145, July 2015.

"The Collapse of the Soviet Union and the Productivity of American Mathematicians"

with George Borjas

*Quarterly Journal of Economics*, Volume 127, Issue 3, Pages 1143-1203, August 2012.

“How Does Child Labor Affect the Demand for Adult Labor? Evidence from Rural Mexico”  
*Journal of Human Resources*, Volume 48, Issue 3, Pages 702-735, Summer 2013.

“A Shred of Credible Evidence on the Long Run Elasticity of Labor Supply”  
with Orley Ashenfelter and Bruce Schaller  
*Economica*, Volume 77, Issue 308, Pages 613–800, October 2010.

“Are Long-term Wage Elasticities of Labor Supply More Negative than Short-term Ones?”  
*Economics Letters*, Volume 122, Issue 2, Pages 208-210, February 2014.

Publications in non-Economics Journals:

“Governance for Good Jobs: The Need for Pro-Productivity Reforms”  
with Brian Boyd  
*American Affairs* Fall 2021: Vol V, Number 3.

“Mismatched Supply and Demand”  
*Science* 19 May 2017: Vol. 356, Issue 6339, pp. 696.

“Introducing Orcid”  
with John Bohannon,  
*Science* 19 May 2017: Vol. 356, Issue 6339, pp. 691-692.

Publications at Conference Volumes:

“Low-Skilled Immigration and Invention: Does Language Matter?”  
with Chunggeun Yoon,  
Ina Ganguli et al., eds., *The Roles of Immigrants and Foreign Students in US Science, Innovation, and Entrepreneurship*, Chapter 5, University of Chicago Press.

“The Impact of High Skill Immigration on Science: Evidence from the Collapse of the USSR”  
with George Borjas  
*Innovation Policy and the Economy*, Volume 15, 2015.

Working Papers and Revise and Resubmits:

“Ethnic Peers and Team Performance: Evidence from H-1B Visa Denials”  
with Raj Choudhury, Astrid Marioni, and Chunggeun Yoon

“The Effect of Education on Invention: Evidence from Compulsory Schooling”  
with Colin Davison and Chunggeun Yoon

“Immigration and Invention: Evidence from the Quota Acts”  
with Chunggeun Yoon

“The Effect of High-Skill Immigration Policy on Firms: Evidence from H-1B Visa Lotteries”  
with Alexander Gelber and Adam Isen  
(revision requested at the *Journal of Political Economy*)

Works in Progress:

“Education and Invention: Evidence on the Extensive Margin”  
with Francisca Antman and Bruce Weinberg

“The Effect of Expulsions on Academic Productivity”  
with Gabriele Pellegrino

Other Writing:

“Award-Winning Teachers Reflect on their Teaching”  
Column in *The Chronicle of Higher Education*, July 30, 2017.

"The type of peer matters"  
Column in *VoxEU* with George Borjas, June 13, 2014.

Grants:

“Collaborative Research: MCA-ECON: The Impacts of Supply and Demand on Ideas, Innovation, and Diversity in Economics”;  
\$44,477 from the National Science Foundation: August 2021 – July 2023;  
Principal Investigators: Kirk Doran, Francisca Antman, and Bruce Weinberg.

"Immigration, Innovation, and Knowledge Creation";  
\$295,876 from the Alfred P. Sloan Foundation; July 1, 2010 – July 1, 2012;  
Principal Investigators: Kirk B. Doran and George J. Borjas.

"'Together We Will Solve the Problem': Immigration, Innovation, and Knowledge Creation";  
\$20,000 from the Ewing Marion Kauffman Foundation; July 1, 2010 – June 30, 2011;  
Principal Investigator: Kirk B. Doran.

"Employment, Innovation, and High Skill Immigration";  
\$10,000 from the W.E. Upjohn Institute; July 1, 2010 – June 30, 2011;  
Principal Investigator: Kirk B. Doran.

Scholarships, Fellowships, Awards, and Prizes:

Rev. Edmund P. Joyce C.S.C. Award for Excellence in Undergraduate Teaching, 2017  
Departmental Teaching Award, Spring 2015  
Albert Rees Prize for Outstanding Princeton Ph.D. Dissertation from the Past 6 Years, 2013  
Industrial Relations Section Fellowship, Princeton University, 2006-2007  
Princeton University Department Award Grant, Princeton University, 2002-2004  
J. Wallace Ely '32 Fund Award, Princeton University, 2002-2003  
Westinghouse Science Talent Search Finalist (top 40), 1998  
U.S. Presidential Scholar, U.S. Department of Education, 1998  
National Merit Scholarship Winner, National Merit Scholarship Corporation, 1998

Invited Academic Presentations:

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|-------------------|------------------------------|
| December 22, 2021 | Catholic University of Milan |
| November 15, 2019 | Loyola University of Chicago |
| October 4, 2019   | New York University          |
| October 25, 2019  | University of Bath           |

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| September 25, 2018  | DePaul University   |
| May 25, 2018        | École polytechnique fédérale de Lausanne (EPFL)                       |
| May 16, 2018        | University of Bordeaux  |
| March 31, 2017      | Miami University of Ohio  |
| February 24, 2017   | Western Michigan University   |
| April 27, 2016      | Ohio State University   |
| May 1, 2015         | University of California, Davis                                       |
| April 30, 2015      | University of California, Merced                                      |
| March 20, 2015:     | Harvard Business School   |
| November 7, 2014:   | University of Illinois, Chicago                                       |
| November 4, 2014:   | Boston College  |
| September 22, 2014: | University of Notre Dame, School of Law                               |
| September 16, 2014: | Indiana University, Bloomington                                       |
| September 10, 2014: | University of Notre Dame, Department of Physics                       |
| September 8, 2014:  | University of Richmond  |
| March 19, 2014:     | Northwestern University   |
| March 6, 2014:      | Ohio State University   |
| October 25, 2013:   | Purdue University   |
| October 3, 2013:    | Johns Hopkins University, School of Advanced International Studies    |
| October 2, 2013:    | Catholic University of America  |
| September 9, 2013:  | University of Texas, Dallas   |
| September 6, 2013:  | Baylor University   |
| April 30, 2012:     | Massachusetts Institute of Technology                                 |
| March 14, 2012:     | University of Tel Aviv  |
| February 16, 2012:  | University of Virginia  |
| November 18, 2011:  | RAND Corporation  |
| November 17, 2011:  | Bureau of Labor Statistics  |
| November 16, 2011:  | Catholic University of America  |
| October 19, 2011:   | Stanford University   |
| May 10, 2011:       | Wellesley College   |
| May 5, 2011:        | Princeton University  |
| April 1, 2011:      | Harvard University  |
| September 11, 2009: | Upjohn Institute for Employment Research                              |
| November 18, 2008:  | University of California, Santa Cruz                                  |
| October 7, 2008:    | University of Chicago   |
| January 22, 2008:   | University of Notre Dame, Kellogg Institute for International Studies |
| January 2007:       | U.S. Department of Defense  |
| January 2007:       | Vanderbilt University   |
| January 2007:       | Georgetown University   |
| January 2007:       | University of Houston   |
| January 12, 2007:   | University of Notre Dame  |
| September, 2006:    | Princeton University  |

Conference Presentations:

|               |   |
|---------------|---|
| October 2021: | DRUID Conference, Copenhagen Business School                                    |
| October 2019: | Collegium Institute, Philosophy of Finance Conference                           |
| July 2019:    | Summer Institute, National Bureau of Economic Research                          |
| May 2019:     | Wharton Conference on Immigration and Organizations, University of Pennsylvania |

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|-------------------|---|
| May 2018:         | Wharton Conference on Immigration and Organizations, University of Pennsylvania   |
| April 2018:       | The Role of Immigrants and Foreign Students in Science, Innovation, and Entrepreneurship Conference, Part II, NBER                        |
| February, 2018:   | Geography of Innovation Conference, University of Barcelona   |
| January, 2018:    | National Bureau of Economic Research, The Role of Immigrants and Foreign Students in Science, Innovation, and Entrepreneurship Conference |
| January, 2016:    | Allied Social Sciences Association, Annual Meeting  |
| April 8, 2014:    | National Bureau of Economic Research, Innovation Policy and the Economy Conference  |
| March 22, 2014:   | Midwest Economics Association, Annual Meeting   |
| April 11, 2013:   | University College London, Migration: Global Development, New Frontiers Conference  |
| October 25, 2012: | National Bureau of Economic Research, High Skill Immigration Conference   |
| July 26, 2011:    | National Bureau of Economic Research, Summer Institute, Labor Studies Program   |
| July 25, 2011:    | National Bureau of Economic Research, Summer Institute, Innovation Policy and the Economy Program   |
| July 29, 2010:    | National Bureau of Economic Research, Summer Institute, Children Program and Labor Studies Program  |
| October 22, 2010: | Upjohn Institute for Employment Research  |
| January 5, 2010:  | American Economic Association, Annual Meeting   |
| May 9, 2009:      | Society of Labor Economists, Annual Meeting   |
| May 6, 2009:      | IZA (Institute for the Study of Labor)  |
| November 8, 2008: | North Eastern Universities Development Consortium Conference  |
| October 16, 2008: | IZA (Institute for the Study of Labor)  |

Invited Discussant Sessions:

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|--------------------|---|
| January, 2018:     | American Economic Association, Annual Meeting                       |
| November 2, 2017:  | Association for Public Policy Analysis & Management, Annual Meeting |
| January 5, 2013:   | American Economic Association, Annual Meeting                       |
| November 10, 2012: | Roundtable for Engineering Entrepreneurship Research                |
| November 8, 2008:  | North Eastern Universities Development Consortium Conference        |

Teaching:

- Principles of Microeconomics (undergraduate)
- Fall 2007, Fall 2007, Spring 2008, Spring 2009, Fall 2009, Fall 2009, Spring 2010, Spring 2012, Spring 2012, Fall 2012, Fall 2012, Spring 2014, Spring 2014, Fall 2014, Spring 2015, Spring 2016, Spring 2017, Fall 2017
- Economics of Innovation and Scientific Research (advanced undergraduate)
- Fall 2011, Fall 2016
- Senior Thesis Advisor (advanced undergraduate)
- 2008/2009 academic year, 2014/2015 academic year, 2016/2017 academic year
- Labor Economics (Ph.D.)

- Spring 2018

Economics of Development (Ph.D.)

- Fall 2008

Applied Microeconomics Research Seminar (Ph.D.)

- Spring 2013, Fall 2014, Fall 2015

#### Press Features About my Research:

*The Economist*, January 26, 2017

*Science*, by Beryl Lief Benderly, May 5, 2015.

*Notices of the American Mathematical Society*, Volume 62, Number 1, by János Kollár, January, 2015.

*US News and World Report, Economic Intelligence Blog*, by Stan Veuger, December 1, 2015.

*AEIdeas*, by James Pethokoukis, November 14, 2015.

*Le Monde*, by Etienne Ghys, September 10, 2014.

*Science*, by Beryl Lief Benderly, May 1, 2014.

*Wall Street Journal Blog: Real Time Economics*, by Jeffrey Sparshott, April 18, 2014.

*NPR Morning Edition*, August 18, 2014.

*Science*, by Beryl Lief Benderly, October 3, 2012.

*Inside Higher Ed*, October 2, 2013.

*The American*, by Edward Tenner, October 2, 2013.

*Pew Research Center*, by Rich Morin, September 25, 2013.

*Marginal Revolution*, by Alex Tabarrok, September 23, 2013.

*Slate*, September 11, 2013.

*Business Insider*, by Max Nisen, September 11, 2013.

*Marginal Revolution*, by Tyler Cowen, November 9, 2012.

*Science Careers: From the Journal Science*, by Beryl Lief Benderly, March 2, 2012.

*Science*, Vol. 335, February 17, 2012, pg. 782.

*Wall Street Journal Blog: Ideas Market*, by Christopher Shea, February 13, 2012.

*Inside Higher Ed*, by Kaustuv Basu, February 9, 2012.

#### Press Interviews:

PBS News Hour, 2021

Minnesota Public Radio, 2021

*National Public Radio*, by Adriene Hill, Marketplace, August 3, 2017.

*National Public Radio*, by Shankar Vedantam, Morning Edition, August 18, 2014.

*Retuers*, by Sarah McBride and Noel Randewich, April 10, 2013.

*News Service of the Knights of Columbus*, by Elizabeth Hansen, August 7, 2009.

#### Professional Memberships:

IZA Institute of Labor Economics, Fellow

Kellogg Institute for International Studies, Fellow

American Economic Association, Member

Society of Labor Economists, Member

Western Economic Association, Member

Midwest Economics Association, Member

European Association of Labour Economists, Member

Catholic Research Economists Discussion Organization (CREDO), Advisory Panel

Ad-Hoc Referee for:

*American Economic Review; American Economic Journal: Applied Economics; Quarterly Journal of Economics ; Journal of Labor Economics; Journal of the European Economic Association; World Development; Review of Economics and Statistics; American Economic Journal: Policy; Journal of Public Economics; Science; Journal of the Royal Statistical Society; Journal of Human Resources; Journal of Policy Analysis and Management; Economic Inquiry; Economica; Economics Letters; Journal of Development Studies; Journal of Regional Science; Labour Economics*

Service to the Profession:

- July, 2017: National Bureau of Economic Research/ Sloan Foundation Workshop on Early Career Grants
- April, 2017: Harvard Business School Workshop on the Scientific Production Function
- February, 2017: National Bureau of Economic Research/ Sloan Foundation Workshop on Early Career Grants
- June, 2016: National Science Foundation Science of Science and Innovation Policy (SciSIP) Agenda-Setting Workshop
- October, 2014: Referee for the National Science Foundation Science of Science and Innovation Policy (SciSIP) program
- July, 2014: Served on Review Panel for U01 Grants for the National Institutes of Health, Office of Behavioral and Social Sciences Research.
- June, 2014: Served on Experts Panel to improve the survey methodology of the National Science Foundation Human Resources Program, Center for Science and Engineering Statistics.

Service to the University and Department:

- Fall 2017 – Institutional Review Board (IRB)
- Fall 2016 – Spring, 2017: University Life Fellow
- Fall 2016 – Spring, 2019: College Council, College of Arts and Letters
- Fall, 2016 – Spring, 2017: Faculty Recruiting Chair, Economics Department
- Fall, 2015 – Spring, 2016: Faculty Recruiting Co-Chair, Economics Department
- Spring, 2014: Microeconomics Seminar Coordinator, Economics Department
- Fall, 2014: Institute for Scholarship in the Liberal Arts Review Committee
- Fall, 2014: Microeconomics Seminar Coordinator, Economics Department
- Spring, 2014: Speaker at Ph.D. Visitation Day, Economics Department
- Fall, 2013: Visiting Fellow Application Review, Kellogg Institute
- Spring, 2013: Graduate Award Committee, Kellogg Institute
- Summer, 2012: Co-Founder, Notre Dame Economics Working Paper Series
- Spring, 2010: Outside Chair, Dissertation Defense Committee
- Fall, 2009: Visiting Fellow Application Review, Kellogg Institute
- Spring, 2009: Outside Chair, Dissertation Defense Committee
- Spring, 2008: Outside Chair, Dissertation Defense Committee

Service to the Community:

|                      |   |
|----------------------|---|
| Fall 2020 – present: | President and co-founder, Saint Thomas More Academy.        |
| Fall, 2016:          | Instructor, Westville Correctional Center, Westville, IN.   |
| 2010 - 2020:         | Pastoral Council, Cathedral of St. Matthew, South Bend, IN. |