

YASIN OZCAN

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ACADEMIC EMPLOYMENT

MIT Sloan School of Management, Cambridge, MA July 2017-
Postdoctoral Research Fellow
National Bureau of Economic Research, Cambridge, MA, September 2015-June 2017
Post-Doctoral Fellow (Innovation Policy and the Economy)

EDUCATION

Ph.D., *Managerial Economics and Strategy*, Northwestern University, Evanston, IL, 2015
Dissertation: On the Production, Acquisition, and Diffusion of Innovation
B.S.: *Economics*, Massachusetts Institute of Technology, Cambridge, MA, 2006.
B.S.: *Mathematics*, Massachusetts Institute of Technology, Cambridge, MA, 2006.

JOB MARKET PAPER

“The Impact of Open Access Mandates on Invention,” (with Kevin Bryan), R&R at
Management Science

Abstract: Scientific publications are the most common way universities affect industrial research. Barriers limiting access to research can therefore decrease the rate of innovation. In 2008, the NIH mandated free online availability of funded biomedical research. We use a novel data source, in-text patent citations, in a difference-in-differences framework to study how the mandate affects industry use of academic science. After 2008, patents cite NIH-funded research 25 to 53% more often. Non-funded research and funded research in journals unaffected by the mandate saw no increase. These estimates are consistent with, and interpreted by, a model of search for useful knowledge by industry researchers. Our results imply that inefficiency caused by the academic journal system may be substantial.

PUBLICATIONS

“Composition of Innovative Activity in ICT Equipment R&D,” (with Shane Greenstein),
Loyola University Chicago Law Journal. 45. 479 (2013).

OTHER PAPERS AND MANUSCRIPTS

“Technological Leadership: (de)Concentration and Causes in ICT Equipment,” (with Shane Greenstein), NBER Working Paper No. 22631. 2017. Under Review at Research Policy
“Innovation and Acquisition: Two-Sided Matching in M&A Markets,” 2016.

WORK IN PROGRESS

"Changes in Appropriation Regime and Reliance on Basic Science: Evidence from non-Compete Agreements"
"Acquiring a String of Pearls" (with Mitsuru Igami)
“Patent In-specification Citations: A New Measure of Knowledge Flow” (with Kevin Bryan)

PROJECTS

“The meaning of patent citations to scientific articles,” (with Kevin Bryan and Bhaven Sampat)

Description: Measuring the impact of publicly funded science on the rate and direction of innovation is a perennial challenge in science and technology policy. Over the past few years, several research teams have used science citations in issued patents to examine links between science and technology and the economic impact of science. All of these analyses focus on “front page” citations and ignore another set of references to scientific articles, “in text” citations in the text of the patent themselves. More fundamentally, there is limited understanding of what types of intellectual linkages and knowledge flows either front page or in-text citations represent. This project seeks to make advances on each of these fronts, by developing tools to extract in-text citations and create a public database of in text and front page citations, administering and analyzing a survey to assess the meaning of the different types of citations, and leveraging new computational techniques to examine whether particular types of citations are more predictive of real linkages between scientific articles and the patents that cite them.

"Corporate Restructuring, Human Capital, and Innovation," Approved Research Project with the US Census Bureau

ACADEMIC PRESENTATIONS

(Upcoming) American Association for the Advancement of Science Annual Meeting	2018
2017 Duke Strategy Conference	2017
16th Roundtable for Engineering Entrepreneurship Research (REER)	2016
Ninth Annual Conference on Innovation and Entrepreneurship, Searle Center for Law, Regulation, and Economic Growth (Invited Discussant)	2016
NBER Productivity Lunch Seminar	2016
14th International Industrial Organization Conference	2016
Entrepreneurial Finance and Innovation Conference (Invited Discussant)	2015
CRES Foundations of Business Strategy Conference	2015
Georgia Institute of Technology (Scheller)	2015
13th International Industrial Organization Conference	2015
Sixth Annual Conference on Innovation and Entrepreneurship, Searle Center for Law, Regulation, and Economic Growth	2013
11th International Industrial Organization Conference, Rising Stars Session	2013
Consortium for Cooperation and Competition, 20th Annual Colloquium	2013
10th International Industrial Organization Conference, Innovation, Patents and Antitrust Policy Session	2012

FELLOWSHIPS, GRANTS, AWARDS

NBER Postdoctoral Fellowship - Innovation Policy and the Economy	2015-2017
Alfred P. Sloan Foundation, Econ. of Knowledge Contribution and Distribution (with Kevin Bryan)	2014
General Motor Research Center for Strategy in Management Grant (with Shane Greenstein)	2010
Dean’s Office Research Grant, Kellogg School of Management	2011
NBER Grant for Entrepreneurship Boot Camp	2010
MIT Tuition Scholarship	2002-2006

PROFESSIONAL EXPERIENCE

ERS Group, June 2006 - August 2008
Senior Research Associate, Antitrust Team, Emeryville, CA
Worked on litigation and auction consulting.

JP Morgan Chase
Intern, Investment Banking, New York, NY January 2005
Intern, Investment Banking, Istanbul, Turkey July 2004

PricewaterhouseCoopers
Intern, Corporate Finance Division, Istanbul, Turkey August 2004

TEACHING

Technology and Innovation Strategy, MBA Elective
Teaching Assistant, Kellogg School of Management,
Six quarters between Winter 2009 - Fall 2014

Strategy and Organization, MBA Elective
Teaching Assistant, Kellogg School of Management
Winter 2013

SERVICES and ASSOCIATIONS

Special Sworn Status Researcher, US Census Bureau
Member, Academy of Management
Member, American Economic Association
Ad-hoc Referee for
Strategic Management Journal
Review of Industrial Organization
Journal of Economic Behavior & Organization

REFERENCES

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