

Joshua Lev Krieger

Contact Address:

Arthur Rock Center for Entrepreneurship
Room 213
Soldiers Field
Boston, MA 02163

Email and Telephone:

jkrieger@hbs.edu
(617) 495-5864

ACADEMIC EMPLOYMENT

Harvard Business School 2017 –
Assistant Professor of Business Administration

EDUCATION

PhD, MIT Sloan School of Management 2017
Committee: Pierre Azoulay, Scott Stern, Fiona Murray, and Alessandro Bonatti

B.A., Cornell University 2008
Majors: Economics, Government

OTHER PROFESSIONAL EXPERIENCE

Cornerstone Research (Boston, MA) 2008 – 2011

PUBLICATIONS

- “Missing Novelty in Drug Development” (with Danielle Li and Dimitris Papanikolaou). Forthcoming, *The Review of Financial Studies*. NBER Working Paper No. 24595.
Winner of the 2017 Red Rock Conference and 2018 LBS Summer Finance Symposium Best Paper Awards
- “Trials and Terminations: Learning from Competitors’ R&D Failures.” Forthcoming, *Management Science*.
- “The Career Effects of Scandal: Evidence from Scientific Retractions” (with Pierre Azoulay and Alessandro Bonatti). *Research Policy*, 46(9). November 2017: 1552-1569.
- “The Impact of Personal Genomics on Risk Perceptions and Medical Decision-Making” (with Fiona Murray, J. Scott Roberts, and Robert C. Green). *Nature Biotechnology*, 34(9). September 2016: 912–18.
- “Retractions” (with Pierre Azoulay, Jeffrey L. Furman, and Fiona Murray). *The Review of Economics and Statistics*, 97(5). December 2015: 1118–36.

WORKING PAPERS

- “Find and Replace: R&D Investment Following the Erosion of Existing Products” (with Xuelin Li and Richard Thakor). HBS Working Paper. Revise & resubmit, *Management Science*.
- “Private and Social Returns to R&D: Drug Development and Demographics” (with Efraim Benmelech, Janice Eberly and Dimitris Papanikolaou). NBER Working Paper # 28355. Forthcoming, *AEA Papers and Proceedings*.
- “The Field Decides: The Role of Gatekeepers and Trends on the Direction of Science” (with Kyle Myers and Ariel Stern) [preparing to submit]

OTHER WORK-IN-PROGRESS

- The Follow-on Value of Exploration (with Allen Lee, Danielle Li, and Dimitris Papanikolaou)
- Racing Towards the Sun: Learning and Herding in Solar Cell R&D (with Oliver York)
- Selecting Outlier Evidence: Experimental Evidence from a Global Pharmaceutical Firm (with Ramana Nanda)
- Virus Outbreaks and Scientific Attention (with Shai Bernstein, Kyle Myers, and Martin Watzinger)
- Accelerate Palestine: A Field Experiment in Entrepreneurship Training in the West Bank (with Rebecca Dizon-Ross, Daniel Fehder, Yael Hochberg, and Daniel Lee)

TEACHING EXPERIENCE

Primary Instructor

- Tough Tech Ventures, HBS Elective [*new course*] Spring 2021
- The Entrepreneurial Manager, HBS MBA Required Curriculum 2018 – 2021

Guest Lecturer/Instructor

- Launching New Ventures, HBS Executive Education 2019 – 2020
- Ethics in Biomedical Research, Harvard-MIT Health Sciences and Technology Program 2015, 2018, 2020, 2021
- Theoretical and Empirical Perspectives on Entrepreneurship, Harvard Business School 2018, 2019, 2021

Teaching Assistant

- Entrepreneurial Strategy, MIT Sloan (Prof. Scott Stern) Spring 2016
- Regional Entrepreneurship Acceleration Lab, MIT Sloan (Profs. Fiona Murray and Phil Budden) Fall 2015
- Competitive Strategy, Executive MBA Program, MIT Sloan (Profs. Pierre Azoulay and Scott Stern) 2014 – 2015
- MIT-Sabancı EMBA Program on Entrepreneurship, MIT Sloan (Prof. Bill Aulet) Spring 2014
- Advanced Strategic Management, MIT Sloan (Prof. Michael Cusumano) Fall 2013

CASE MATERIALS

- "Biobot Analytics," Harvard Business School Case 821-045, January 2021.
- "Catalys Pacific," Harvard Business School Case 821-035, September 2020.
- "Forecasting ClimCell" (with Christopher Stanton and James Barnett). Harvard Business School Case 820-044, December 2019.
 - Teaching Note (821-008), December 2020.
- "The 'Wonder Drug' That Killed Babies" (with Tom Nicholas and Matthew Preble). Harvard Business School Case 818-044, November 2017.

HONORS, FELLOWSHIPS & GRANTS

- National Science Foundation, Science of Science & Innovation Policy (SciSIP) Grant 2016 – 2020
 *"Collaborative Research: The Impact of Research Costs on the Direction of Scientific
 Discovery Frontier Tools & Applications"*
 (with Jeffrey Furman, Florenta Teodoridis and Ajay Agrawal)
- Technology and Innovation (TIM) Best Dissertation Award Finalist, Academy of Management 2018
- MIT Sloan Thesis Prize (First Place) 2017

- Kauffman Dissertation Fellowship 2016 – 2017
- Value of Medical Research Fellowship, National Bureau of Economic Research 2016
- Hammond, Krasner and Roberts Entrepreneurship Research Grant 2014
- Sloan Foundation Research Grant 2014
Program on the Economics of Knowledge Contribution and Distribution
(with Pierre Azoulay and Jeffrey Furman)
- Ronald A. Kurtz Doctoral Fellowship, MIT Sloan 2011 – 2017

INVITED PRESENTATIONS

- McGill Organizational Behavior Seminar Nov. 2020
- Haas School of Business, UC Berkeley Sep. 2020
PhD Innovation Seminar
- AIEA-NBER Conference on Innovation and Entrepreneurship Aug. 2020
Discussant
- Utah Eccles School of Management Feb. 2020
- ASSA Annual Meeting; San Diego Jan. 2020
- Kellogg Healthcare Conference May 2019
- BYU Utah Winter Strategy Conference, Park City Utah Mar. 2019
- ASSA Annual Meeting; Atlanta Jan. 2019
Chair/Presenter: “Trajectories of Innovation: Evaluation and Direction in R&D Project Selection”
- Roundtable for Engineering Entrepreneurship Research (REER); Atlanta, GA Nov. 2019
- NBER Entrepreneurship Meetings Dec. 2017
- ASSA Annual Meeting; Philadelphia, PA Jan. 2018
Chair/Presenter: “Trajectories of Innovation: Evaluation and Direction in R&D Project Selection”
- NBER Entrepreneurship Meetings Dec. 2017
- NBER Summer Institute: Innovation, Aging July 2017
- DRUID 2017, PDW on “Direction of Innovation & Science,” NYU Stern June 2017
- Munich Summer Institute, Max Plank Institute May 2017
- Strategy Department, UCLA Anderson School of Management Jan. 2017
- Technology and Operations Management Unit, Harvard Business School Jan. 2017
- Strategy and Entrepreneurship, Cox School of Business, SMU Jan. 2017
- Strategy Unit, Harvard Business School Jan. 2017
- Management Department, Wharton Jan. 2017
- Entrepreneurial Management Unit, Harvard Business School Dec. 2016
- Management Division, Columbia Business School Dec. 2016
- Strategy and Entrepreneurship, UNC Kenan-Flagler Business School Nov. 2016
- Roundtable for Engineering Entrepreneurship Research (REER); Atlanta, GA Nov. 2016

- Academy of Management Annual Meeting; Anaheim, CA
Organizer: Symposium on “Driving the Direction of Innovation” Aug. 2016
- Industry Studies Association Conference; Minneapolis, MN May 2016
- MIT Sloan Healthcare & Bioinnovations Conference (Poster); Cambridge, MA Feb. 2016
- Consortium on Competitiveness and Cooperation (CCC); New York, NY Apr. 2015
- American College of Medical Genetics and Genomics Annual Meeting (Poster); Nashville, TN Mar. 2014

REFEREE

- *American Economic Review*
- *Health Economics*
- *Industry and Innovation*
- *Journal of Finance*
- *Journal of Law, Economics and Organization*
- *Journal of Public Economics*
- *Management Science*
- *Organization Science*
- *Production and Operations Management*
- *Quarterly Journal of Economics*
- *RAND Journal of Economics*
- *Research Policy*
- *Review of Financial Studies*
- *Review of Economics and Statistics*
- *Strategy Science*
- *Science Translational Medicine*