

ENKHJARGAL LKHAGVAJAV

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EDUCATION

Ph.D., Economics, Boston University, Boston MA, May 2021 (expected)

Dissertation Title: *Essays on Firm Innovation and R&D*

Main advisor: Stephen J. Terry

M.A., Political Economics, Boston University, Boston MA, 2019

B.S., Economics with Honors and Mathematics (*with Distinction*), University of Michigan,
Ann Arbor MI, 2015

FIELDS OF INTEREST

Macroeconomics, Economic Growth, Economics of Innovation

WORKING PAPERS

“The Effect of Patent Disclosure on Firm Innovation and Growth,” September 2020. [Job
Market Paper]

WORK IN PROGRESS

“Cyclicality of Firms’ Heterogeneous Innovations”

PRESENTATIONS

Boston University Macro Dissertation Workshop, Fall 2018, Fall 2019, Fall 2020

Technology and Policy Research Initiative, Fall 2020 (scheduled)

FELLOWSHIPS AND AWARDS

Graduate Student Fellowship, Boston University, 2015-2020

Mongolian Government Scholarship, Government of Mongolia, 2012-2015

Departmental Putnam Competition Honorable Mention, University of Michigan, Spring 2013

Honorable Mention, International Mathematical Olympiad, 2010

Silver and Bronze Medals, Mongolian National Mathematical Olympiad, 2007-2010

WORK EXPERIENCE

Summer Internship, Monetary Policy Department, Bank of Mongolia, Summer 2017,
Summer 2018

TEACHING EXPERIENCE

Instructor, Intermediate Macroeconomics, Department of Economics, Boston University,
Fall 2020

Instructor, Introductory Macroeconomics, Department of Economics, Boston University,
Summer 2018, Summer 2020

Teaching Fellow, Introductory Macroeconomics, Department of Economics, Boston
University, 2017-2020

September 2020

Teaching Fellow, Introductory Microeconomics, Department of Economics, Boston
University, Fall 2016

LANGUAGES

Fluent in English and Mongolian

COMPUTER SKILLS: R, MATLAB, STATA, LaTeX

CITIZENSHIP/VISA STATUS: Mongolia/F1

REFERENCES

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Terry**

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The Effect of Patent Disclosure on Firm Innovation and Growth (Job Market Paper)

A patent system requires innovators to disclose their inventions in return for monopoly rights to their use. This paper shows how patent disclosure policy discourages firms from patenting both empirically and theoretically. I analyze the effect of the American Inventor's Protection Act of 1999 (AIPA), which lowered publication lag for patents filed after 2000. Due to the increasing patent disclosure from the AIPA, U.S. public manufacturing firms experienced a decline in firm innovation rate and patenting intensity. To explain the negative relationship between patent disclosure and firm patenting, I build a Schumpeterian growth model with innovation and patenting treated separately. The model illustrates how patent disclosure can lower patenting at the firm level due to the trade-off between costly disclosure and patent protection. However, the effect of patent disclosure on overall economic growth and knowledge diffusion is non-linear: an appropriate disclosure policy can promote growth, but a strong disclosure policy can hurt them.