

Catherine Lei

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OVERVIEW

Ph.D. candidate in Health Policy/Economics at Stanford University, focusing on applications of research in regulation and pricing in the pharmaceutical, biotechnology, and medical device industries, the impact of changing policy and legal reform on market competition, and the economics of innovation. Extensive experience in healthcare consulting, life science strategy, statistical analysis, and project management from a diverse array of organizations.

EDUCATION

Stanford University School of Medicine | Stanford, CA

Sept 2015-Expected Jun 2019

Ph.D. Health Policy (Economics track)

- Leadership: CHIPS [Cross-disciplinary Healthcare Innovation Partnership at Stanford] (President)
- Relevant Coursework: Advanced Economics of Health and Medical Care; Labor Economics; Public Economics; Health Law: Finance and Insurance; Health Law: The FDA; Configuration of the US Healthcare System and the Application of Big Data/Analytics; Leading Value Improvement in Healthcare Delivery; Analysis of Costs, Risks, and Benefits of Healthcare; Microeconomic Theory; Econometric Methods

Princeton University | Princeton, NJ

Sept 2011-Jun 2015

B.A. Economics (Math track) with certificate in Finance, *cum laude*

- Leadership: MEDLIFE (President); World Health & Peace Organization (President); The Daily Princetonian (Staff Writer); Women's Mentorship Program (Committee Chair); European Youth Parliament (Budget Manager); Rockefeller College Council (Academics Chair); UNICEF (Secretary); Asian-American Students Association (Secretary); Advertise This (Secretary); Economics Department Committee (Undergraduate Liaison); Princeton Corporate Finance Club; Entrepreneurship Club
- Relevant Coursework: Advanced Micro/Macroeconomic Theory; Econometrics; Corporate Finance; Financial Investments; International Monetary Economics; Population, Society, and Public Policy; Modern Genetics and Public Policy; Disease Ecology, Economics, and Policy; Health Reform in the US

Oxford University | Oxford, United Kingdom

Jan 2014-Jun 2014

Visiting Student in Philosophy, Politics, and Economics (PPE) at St. Anne's College

- Leadership: Oxford Women's Rowing Club; Oxford Asia-Pacific Society; Oxford Dance Society
- Relevant Coursework: Game Theory; Labor Economics; Philosophy and Economics of the Environment; British Economic History

EXPERIENCE

Biotech Connection - Bay Area, Inc., *Strategy Consultant* | San Francisco, CA

Aug 2017-Dec 2017

- Collaborated with team of industry clients, academic researchers, and experienced mentors to evaluate the competitive landscape within the chronic inflammatory disease market for a microbiome therapeutics company
- Executed market segmentation analysis, direct/indirect competitor assessments, and primary interviews to determine current standards of care, identify unmet medical needs and key attributes required for adoption, and isolate specific disease indications for which client's microbial therapeutics platform could provide significant value
- Leveraged business development, due diligence, and life science strategy skills to guide client's internal R&D plan

The Stanford Healthcare Consulting Group (SHCG), *Consultant* | Stanford, CA

Mar 2016-Dec 2016

- Performed quantitative data analysis and interviews to study the Stanford Hospital Emergency Department's usage of the Mobile Surge Unit and provide recommendations for optimal efficiency
- Designed marketing materials to promote and streamline the Mobile Surge Unit's role in helping Emergency Department patient flow while maintaining top care quality
- Identified, assessed, and developed relationships with new clients while exploring SHCG's future affiliates, organizational niche, and community vision

Clinical Excellence Research Center (CERC), *Research Assistant* | Stanford, CA

Jun 2016-Sept 2016

- Supported the Primary Care team on the Blue Shield of California project to guide selected providers in improving quality and reducing medical spending through interventions informed by "America's Most Valuable Care" insights

- Conducted intensive literature review providing a high-level overview of the key research findings surrounding physician incentives to guide recommendations on managerial/clinical strategies of design and implementation
- Participated in an in-depth site visit at a high-performance primary care practice to understand distinguishing features and transferability to other settings
- Compiled background research to inform team about Covered California's 2017 contract changes for Qualified Health Plans issuers and the Integrated Healthcare Association's work for potential relevance to Blue Shield

Bloomberg LP, *Global Benefits Intern* | New York, NY *Jul 2014-Sept 2014*

- Analyzed profit streams from pension funds and amalgamated invoices for clearer information flow
- Researched recent public policy reforms affecting benefit coverage and provided critical assessment of Bloomberg's future outlook/actions
- Collaborated with interns on project to innovate communication and interaction within and beyond the company; worked to increase brand recognition and promote Bloomberg culture and products
- Interacted actively with service providers to assess and improve operational efficiencies

Fisher Pei, LLC, *Educational Consultant* | New York, NY *Jun 2013-Aug 2013*

- Ensured smooth communication between foreign clients and employers as a Chinese/English translator
- Developed and taught structured English language curriculum to ESL client working with team of tutors

Revolution Prep, *Branch Manager* | Sacramento, CA *Jun 2012-Aug 2012*

- Launched the first major branch in Sacramento County and exceeded expected profit margins by driving thousands of dollars in revenue
- Created and executed sales/marketing plan based on competitive environment and demographic assessments
- Developed familiarity with P&L statement and standard business tools

Fair Observer, *Economics Editor* *Jun 2012-Aug 2012*

- Organized content and directed publication angle through direct collaboration with editorial team
- Edited articles on current world economic issues written by prominent political/academic figures

SELECTED LEADERSHIP

Cross-disciplinary Healthcare Innovation Partnership at Stanford (CHIPS), *President* *Sept 2017-Present*

- Led team of graduate students to organize seminars, panels, and networking events for Stanford community connecting students, entrepreneurs, and industry professionals for mentorship and career opportunities
- Fostered collaboration between students in the Schools of Medicine, Law, Business, Engineering, and Humanities & Sciences through project-based activities to spur the growth of new technologies and ideas in healthcare

MEDLIFE, *President* *Sept 2012-Jun 2015*

- Founded Princeton chapter to raise awareness of humanitarian crises and promote global health/health policy
- Arranged spring mobile clinic trip to Peru, supported fundraiser series, and hosted multiple guest speaker events
- Led biweekly meetings and actively recruited full executive board as well as 60 members through campus and community campaigns
- Launched initiative to spread organization globally by heading project that cemented MEDLIFE's presence at global health expos and career fairs at Oxford University

World Health & Peace Organization, *President* *Sept 2012-Jun 2015*

- Developed team-oriented committee structure that effectively managed funds for awareness and outreach campaigns

PRESENTATIONS

Patent Assertion Entity (PAE) Reform Symposium | Stanford, CA

“On the Incentives of Trolls: Impact of PAE Litigation on Pharmaceutical Markets”

May 11, 2017 at the Stanford Law School

SKILLS

Stata, R, Matlab, MS Office Suite

Fluent in Mandarin Chinese, basic proficiency in Spanish