

# Lucy Xiaolu WANG (王晓璐)

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## ACADEMIC POSITIONS

**Max Planck Institute for Innovation and Competition**, Munich, Germany    *August 2020 –*

Senior Research Fellow (Post Doc) in Economics/Management (*Innovation & Entrepreneurship Research*)

**University of Massachusetts Amherst**, Amherst, MA, United States    *September 2021 –*

Assistant Professor, Department of Resource Economics

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## EDUCATION

Ph.D. Economics, **Cornell University**, Ithaca, NY, USA    2020

Certificates in University and College Teaching, 2017 & Research Mentoring, 2017

Dissertation Title: “*Essays on Innovation and Digitization in Health Care Markets*”

Committee: Sean Nicholson (co-chair), Michael Waldman (co-chair), Chris Forman, Michael Lovenheim

M.A. Economics, **Duke University**, Durham, NC, USA    2014

Graduation honors: Duke Economics Master’s Program Award for Leadership and Academic Excellence

B.A. Economics (Specialty: Insurance), **Central University of Finance and Economics**, Beijing, China, 2012

Outstanding Student & Graduate Awards by Beijing Municipal Commission of Education, 2011 & 2012

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## RESEARCH INTERESTS

*Primary*: Health Care Economics, Innovation Economics; *Secondary*: Industrial Organization, Public Finance

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## PUBLICATIONS

“Manufacturing Fetishism: The Neo-Mercantilist Preoccupation with Protecting Manufacturing,” with Alecia W.

Cassidy and Edward Tower, 2015, *The Region and Trade: New Analytical Directions* (Book Chapter, Edited by Amitrajeet Batabyal and Peter Nijkamp), p.137-175 (SSRN: <https://ssrn.com/abstract=2833529>)

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## WORKING PAPERS

“**Global Drug Diffusion & Innovation with the Medicines Patent Pool**” (*Job Market Paper*; SSRN:

<https://ssrn.com/abstract=3426554>)

*Best Paper Award, Wharton Innovation Doctoral Symposium, University of Pennsylvania, 10/2019*

*Young Scholar Best Paper Award (in economics/management), European Policy for Intellectual Property, ETH Zürich, Switzerland, 9/2019; Featured in Written Description blog by Prof. Lisa Larrimore Ouellette, 9/2019*

“**The Complementarity of Health Information and Health IT for Reducing Opioid-Related Mortality and Morbidity**” (*R&R, American Journal of Health Economics*; SSRN: <https://ssrn.com/abstract=3176809>)

*Best Paper Designation & Outstanding Student Paper Award, Academy of Management, Boston, MA, 2019*

*Young Researcher Best Paper Award, The 9<sup>th</sup> Conference on Health IT & Analytics, Washington D.C., 2018*

“**The Secret Menu in Health Care: A Cash Market for Imaging in California**,” with Jordan Epstein (Stroll Health), Sean Nicholson (Cornell), Katherine Hempstead (RWJF), Sam Asin (Stroll Health); *R&R*

*Funded by a Robert Wood Johnson Foundation Grant awarded in 2016 (Principal Investigator: J. Epstein)*

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## WORK-IN-PROGRESS

**“Biomedical Innovation in the Shadow of Litigation: Patentability Uncertainty & Strategic Reactions”**

**“Patent Pool Participation and Firm-level Performances: The Case of HIV Drug Cocktails”**

**“Blockchain Firms in Health Care: Who Survived and Why?”**

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#### SHORT NOTE & DATA PRODUCTS

**“Patent Classification Systems and Technological Categorization: An Overview and Update”** 1/2019

- Technical note at SSRN: <https://ssrn.com/abstract=3220033>; GitHub data repository: [tinyurl.com/y88ojs8k](https://tinyurl.com/y88ojs8k)

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#### RESEARCH GRANTS

##### ***External Research or Travel Grants***

Academy of Management Student Travel Scholarship Grant Award, 2019

Humane Studies Fellowship Grant (\$5,000), Institute for Humane Studies, 2018–2019

Research Travel Grant & Hayek Fund Awards, Institute for Humane Studies, 2017, 2018

*Principal Investigator*, National Undergraduate Research Innovation Grant (¥10,000~\$1,600), “Longevity Risk and Old-Age Financing: The Case of Midlife Middle-Class Residences in Beijing and Shanghai,” Ministry of Education of the People’s Republic of China, 2009–2012

*Principal Investigator*, China Ping An National Academic Dissertation Contest (¥15,000~\$2,400), awarded for 1<sup>st</sup> & 2<sup>nd</sup> prizes of papers, 2010 & 2011 (topics: longevity risk; health insurance for children of migrant workers)

China Banking Association Micro Entrepreneurship Investigator Grant, 2010

##### ***Internal Research or Travel Grants***

*Principal Investigator*, Cornell SC Johnson College of Business “Innovation, Entrepreneurship, and Technology” (IET) Theme Inaugural Travel Grant (\$2,000), 2019–2020 (faculty co-PI: Chris Forman)

Conference Travel Grants (Graduate School; Economics; Policy Analysis & Management), Cornell, 2016–2020

Institute for Health Economics, Health Behaviors, and Disparities Student Grants (x5), Cornell, 2016–2020

Graduate School Research Travel Grant (\$2,000), Cornell University, 2019

Human Ecology Alumni Association Student Research Grant, Cornell Univ., 2016

Economics Department Masters’ Program Conference Travel Grant, Duke Univ., 2014

CUFE Summer Investigator Grants (Univ.-wide bid), Conference Grants (School of Insurance), 2009–2012

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#### FELLOWSHIPS, AWARDS, & HONORS

*Best Paper Award*, Wharton Innovation Doctoral Symposium, University of Pennsylvania, 2019

*Young Scholar Best Paper Award* (€500), European Policy for Intellectual Property, ETH Zürich & EPFL, 2019

Academy of Management *Best Paper Designation*, 2019 & *Outstanding Student Paper Award* (William H. Newman Award Divisional Nominee), 2019; Finalist for *Best Theory to Practice Paper*, AOM health care division, 2019

Flora Rose & Flemmie Kittrell Summer Fellowship, Policy Analysis and Management, Cornell, 2019

Ernest Liu '64, Ta-Chung and Ya-Chao Liu Memorial Fellowship, Dept. of Economics, Cornell, 2018-2019

*Young Researcher Best Paper Award*, The 9<sup>th</sup> Conference on Health IT & Analytics, Washington D.C., 2018

CU-CIRTL *Scholar Certificate Award*, Center for the Integration of Research, Teaching & Learning, Cornell, 2018

Graduate Fellowship/Teaching Assistantship/Graduate Research Assistantship, Cornell, 2014-2018

Graduate Teaching Assistant Fellowship (\$1,000), Center for Teaching Innovation, Cornell, 2017-2018

Graduate Research and Teaching Fellowship (\$1,000), Center for Teaching Excellence, Cornell, 2016-2017  
 Department of Economics Master's Scholarship (Tuition Waiver), Duke Economics, 1/2013-5/2014  
 CUFE Excellent Undergraduate Scholarship, 2008-2012 & Top 10 Individuals/Teams in Research, 2010-2012  
 "Challenge Cup" National Academic Science & Technology Competition, 2<sup>nd</sup> prize in Beijing, 2011  
 China National Undergraduate Mathematical Contest in Modeling, 2<sup>nd</sup> prize National, 2010  
 National Insurance Education Hope Scholarship (¥8,000≈\$1,170), Insurance Society of China, 2009

#### CONFERENCE, SEMINAR, & WORKSHOP PRESENTATIONS

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**2021:** American Economic Association Annual Meeting<sup>+</sup> (x2, poster), virtual

**2020:** American Economic Association Annual Meeting, San Diego; Max Planck Institute for Innovation and Competition, Munich, Germany; University of Massachusetts Amherst (Resource Economics); University of Illinois at Chicago; RAND Corporation, Washington, DC; Melbourne Institute: Applied Economic and Social Research, University of Melbourne, Australia; National University of Singapore (Business School), virtual seminar; University of Sydney, Australia; 18<sup>th</sup> International Industrial Organization Conference<sup>c</sup>, Philadelphia; Industry Studies Association Annual Conference, virtual; 9<sup>th</sup> Conference of the American Society of Health Economists<sup>c</sup>, St. Louis; Chinese Economists Society North America Meeting<sup>+</sup>, virtual; U.S. Food and Drug Administration Research Brownbag<sup>+</sup>, virtual; 8<sup>th</sup> Annual Empirical Intellectual Property Law Conference<sup>+</sup>, Univ. of Texas at Austin (Law School)

**2019:** American Economic Association Annual Meeting (poster), Atlanta; Cornell SC Johnson College of Business IET-theme brownbag seminar; Industry Studies Association Conference (x2, healthcare; innovation), Nashville; 26<sup>th</sup> Consortium for Competitiveness and Cooperation (CCC) conference, Duke (Fuqua) & UNC-Chapel Hill (Kenan-Flagler); 8<sup>th</sup> Conference of the American Society of Health Economists (poster), D.C.; Medicines Patent Pool seminar, Geneva, Switzerland; International Health Economics Association World Congress, Basel, Switzerland; 19<sup>th</sup> Annual Intellectual Property Scholars Conference, DePaul Univ. (Law School), Chicago; Annual Meeting of Academy of Management, Boston; European Policy for Intellectual Property, ETH Zürich; Policy Analysis & Management seminar, Cornell; North East Universities Development Consortium (presenter & discussant), Northwestern Univ.; Wharton Innovation Doctoral Symposium (presenter & discussant); Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting, Seattle; Economics Graduate Student Conference, Washington Univ. in St. Louis; Association for Public Policy Analysis & Management Fall Research Conference, Denver; Applied Economics seminar, Cornell (Dyson); Cornerstone Research, New York City; NBER Productivity Seminar, Cambridge, MA; Charles River Associates, Boston; UC Berkeley (Haas School of Business) seminar; Econometric Society European Winter Meeting, Rotterdam

**2018:** American Economic Association Annual Meeting (poster & interview), Philadelphia; 7<sup>th</sup> Annual Conference of the American Society of Health Economists (presenter & discussant), Emory, Atlanta; National CIRTL All-Network Teaching-as-Research Virtual Symposium; Conference on Health IT and Analytics (x2, conference & doctoral consortium), Univ. of Maryland (Smith Business School), D.C.; Interdisciplinary Graduate Research Colloquium, Herndon, VA; Econometric Society European Winter Meeting, Naples, Italy

**2017:** Association for Public Policy Analysis & Management 39<sup>th</sup> Annual Fall Research Conference, Chicago; The 1<sup>st</sup> Annual Teaching as Research National Conference, Cornell, NY; *SPARK Talks* (2017 theme: "Expansion"):

Scholars Present About Research and Knowledge, Cornell, NY

**2016:** the 6<sup>th</sup> Biennial Conference of the American Society of Health Economists\*, UPenn, PA; Association for Public Policy Analysis & Management 38<sup>th</sup> Annual Fall Research Conference (poster), DC

**2014:** Asia-Pacific Economics Association 10<sup>th</sup> Annual Conference, Thailand; Chulalongkorn Univ., Thailand

**2013:** Self-Help Credit Union (loan and micro-finance group seminar, x2), Durham, NC

**2012:** Asia-Pacific Risk & Insurance Association 16<sup>th</sup> Annual Conference (presenter & discussant), SKK Univ., Seoul, South Korea; National Undergraduate Innovation and Entrepreneurship Conference\*, China

**Pre-2011:** Cross-Strait Risk Management and Insurance Conference, Southwestern University of Finance and Economics, China, 2010; 5<sup>th</sup> China Insurance Education Symposium, Xiamen Univ., China, 2009

+ scheduled; \* presented by co-author; °Covid-19 cancellation; seminar host is economics dept. if not otherwise specified

#### ADMITTED/INVITED DOCTORAL WORKSHOP ATTENDANCES

Invited Attendee, Roundtable on Empirical Methods in Intellectual Property, USPTO Headquarters, Virginia, 2019

Funded Attendee, Conference on Health IT and Analytics Doctoral Consortium, U of Maryland (Smith), D.C., 2018

Funded Attendee, Price Theory Summer Camp, Becker-Friedman Institute, University of Chicago, 2018

Funded Attendee, the NBER Digitization Tutorial and Winter Meeting (*funded by the Alfred P. Sloan Foundation*), Stanford Institute for Economic Policy Research, 2018; invited attendee, Stanford GSB, 2019, 2020

Fellow, the 9<sup>th</sup> NBER Entrepreneurship Research Boot Camp (*funded by the E.M. Kauffman Foundation*), 2016

Invited Attendee, the Annual NBER Summer Institute, Cambridge, MA, 2015, 2016, 2018

Invited Attendee and Excellent Paper Awardee, the 4<sup>th</sup> China Social Security Symposium, Beijing, China, 2010

#### RESEARCH APPOINTMENTS

RA for Prof. Sean Nicholson (Policy Analysis & Management, Cornell), Su2016; Su2017–Su2018; Su2019–Sp2020

RA for Prof. Michael Waldman (Johnson Business School, Cornell), 12/2016–5/2019 (part-time)

RA for Profs. Michael Lovenheim and Maria Fitzpatrick (PAM, Cornell), Summer 2015–Spring 2016

Student PI, supervised by Profs. Charlie Becker and Martin Zelder (Economics, Duke), Spring 2013–Spring 2014

RA for Prof. Campbell Harvey (Fuqua Business School, Duke Finance), 1/2013–2/2013

#### TEACHING EXPERIENCES

As an Instructor or Guest Instructor for Undergraduate & Graduate Courses:

Instructor, Mathematics Review Session for Management (MBA), Johnson Business School, Cornell, 8/7/2018

Instructor, Graduate Teaching Excellence Program (Ph.D.) Training Sessions, Cornell, (2/15, 3/8, 3/29)/2018

Guest instructor, “Why Firms Fail? Mini-Case Studies of Enron & Theranos” for Corporations, Shareholders, and Policy (Undergraduate & Masters’ Level), Prof. Rick Geddes, Cornell, 2/9/2017

As a Teaching Assistant for Graduate and Professional Courses:

Microeconomics for Management (MBA), Prof. Michael Waldman, Cornell, Fall 2018 (*head TA*)

Microeconomics for Management (Finance EMBA), Prof. Armin Rick, Cornell-Tsinghua, Oct. 2016, 2017

Microeconomics for Management (One-Year MBA), Prof. Michael Waldman, Cornell, Jun. 2017

Corporations, Shareholders, and Policy, Prof. Rick Geddes, Cornell, Spring 2017

Computer Modeling for Policy Analysis, Prof. Edward Tower, Duke, Spring 2014

As a Grader for Graduate Econometric Courses:

Empirical Strategies for Policy Research II (Ph.D.), Prof. Zhuan Pei, Cornell, Spring 2018

Applied Microeconometrics (Masters' level), Prof. Daniel Yi Xu, Duke, Spring 2014

As a Teaching Assistant for Undergraduate Courses:

Corporations, Shareholders, and Policy, Prof. Rick Geddes, Cornell, Spring 2017

Public Finance - Economics of the Public Sector, Prof. Brandon Tripp, Cornell, Fall 2016

Introductory Microeconomics, Prof. Jennifer Wissink, Cornell, Fall 2014

As a Co-Instructor for Graduate and Post-Doctoral Professional Workshops:

"Enhance Teaching with Research-Based Practices" (with Jeffrey Mulligan), Cornell, 3/17/2018

"Teaching and Leadership Development" (with Matt Hankins), Cornell, 10/28/2017

"Overcoming Anxiety about Public Speaking" (with Jack Madden), Cornell, 10/14/2017

"Using Theater Techniques to Enhance Your Teaching" (with Mary Centrella), Cornell, 4/11/2017

"Flipping the Classroom as a TA" (with Minji Kim), Univ.-wide Conference, Cornell, 3/4/2017

"Using a Case-Study Approach to Teaching" (with Catherine Spirito), Cornell, 11/16/2016

#### CASE AND TEACHING MATERIALS

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"Connecting with Reality: Using Mini-Case Study Approach to Facilitate and Assess Student Learning," 2017,  
Cornell University Classroom Research Working Paper Series, Volume 6

#### MENTORING EXPERIENCES

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Fellow Mentor and Leader for Graduate Research and Teaching Fellows, Cornell University, 2017-2018

Research Mentor for an Undergraduate Honors Thesis (B.S. Economics 18' *summa cum laude*; Pre-Med.), Cornell, 2018

Mentor, Cornell Ph.D. Peer-Mentoring Program, Dept. of Economics, Cornell University, 2017-2018

Certificate of Completion of Research Mentoring Training, Cornell University, 4/2017

Ad Hoc Reference for a Cornell Freshman Summer External Internship Application (accepted), 12/2014

#### PROFESSIONAL SERVICES

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*Referee*: Demographic Research, Health Economics; Health Information Management Journal; Journal of Labor Economics; Management Science; Social Science Research

*Scientific Review Committee*: American Society of Health Economists Conference, 2018, 2019, 2020; Academy of Management Conference, 2018; Award Committee member for the AOM Health Care Management Division Outstanding Paper Based on a Dissertation, 2020

*Discussant*: Wharton Innovation Doctoral Symposium 2019, session: "*Technology & Innovation Management*"; North East Universities Development Consortium 2019, session: "*Institutions*"; American Society of Health Economists Annual Conference 2018, session: "*Healthcare IT: Providers & Payers*"; Asia-Pacific Risk & Insurance Annual Conference 2012, session: "*Actuarial Pricing*"

*Session Chairs*: Industry Studies Association Conference 2019, Innovation & Entrepreneurship theme session: "*Financial Capital for Business and Technology Development*" (funded by the E.M. Kauffman Foundation); International Health Economics Association World Congress 2019, "*Hospital Quality and Performance*"

*Co-organizer/Facilitator*: Univ.-wide Conferences for Teaching and Learning (Spring 2017, Fall 2017), Cornell

*Others*: Founder of the “Fledgling Eagle Project/Scholarship” for migrant children in rural Beijing, 2010

## SELECTED MEDIA COVERAGE

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Featured in *Written Description* by Prof. Lisa Larrimore Ouellette, 9/2019, “Lucy Xiaolu Wang on the Medicines Patent Pool”: <https://writtendescription.blogspot.com/2019/09/lucy-xiaolu-wang-on-medicines-patent.html>

Highlighted in American Economic Association 2018 Annual Meeting poster videos for selected interviews, 1/2018, a short video is available at: <https://www.aeaweb.org/conference/videos/2018/lucy-xiaolu-wang>

Graduate School Student Spotlight, Cornell University, 4/2017, graduate school interview on research, teaching, and learning: <https://gradschool.cornell.edu/spotlights/lucy-wang/>

Guest student speaker for the program “Afternoon Tea of Finance,” China Central Television (CCTV-2) – National Finance and Economics Channel, Beijing, China, 8/2010 (in Chinese)

## SKILLS

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Software/Programming: Stata, MATLAB, GitHub, R, LyX; basics in Parallel Programming, Java, Python

Operating Systems: macOS, Windows, Unix

Languages: Chinese (native), English (fluent), German (beginner)

## PERSONAL

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Citizenship: P.R. China. Born and raised in Tongling, Anhui, China. DOB: July 2<sup>nd</sup>, 1990. Gender: Female.

## REFERENCES

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**Sean Nicholson**, Ph.D. (Co-Chair)

Professor, and Director, Sloan Program in Health Administration, PAM, Cornell; NBER  
607-254-6498; [sean.nicholson@cornell.edu](mailto:sean.nicholson@cornell.edu)

**Chris Forman**, Ph.D.

Peter and Stephanie Nolan Professor of Strategy, Innovation, and Technology, Dyson School, Cornell  
607-255-0787; [chris.forman@cornell.edu](mailto:chris.forman@cornell.edu)

**Michael Waldman**, Ph.D. (Co-Chair)

Charles H. Dyson Professor of Management and Professor of Economics, Johnson School, Cornell  
607-255-8631; [mw46@cornell.edu](mailto:mw46@cornell.edu)

**Michael Lovenheim**, Ph.D.

Professor of Economics, Donald C. Opatrny 74’ Chair of the Department of Economics, Cornell; NBER  
607-255-4723; [mfl55@cornell.edu](mailto:mfl55@cornell.edu)