

Lucy Xiaolu Wang (王晓璐)

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UMass, Stockbridge Hall, 208B, 80 Campus Center Way, Amherst, MA 01003

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*”

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 & Graduation Awards by Beijing Municipal Commission of Education, 2011 & 2012

RESEARCH & TEACHING INTERESTS

Health Economics, Innovation Economics/Mgmt, Industrial Organization, Public Finance, Applied Econometrics

ACADEMIC POSITIONS

University of Massachusetts Amherst, Amherst, MA, United States 2021.9.6 –

Assistant Professor (tenure track), Department of Resource Economics

Faculty Associate, Computational Social Science Institute, UMass Amherst

Faculty Affiliate, Public Interest Technology Initiative (PIT@UMass), 2022.4 –

Faculty Member, Institute for Applied Life Sciences (IALS), 2024.3 –

Max Planck Institute for Innovation and Competition, Munich, Germany 2020.8.1 –

Affiliated Faculty Research Fellow in Economics/Management

2021.9.6 –

Senior Research Fellow (Post Doc) in Economics/Management

2020.8.1–2021.9.3

Faculty Associate, **Canadian Centre for Health Economics**, University of Toronto, Canada 2021.11.5 –

PUBLICATIONS/ACCEPTED

Journal Publications (peer-reviewed) *co-author is a graduate student mentee, **co-author is an undergraduate mentee

Authorship order by economics standards (i.e., equal contributions co-1st author & alphabetical order), unless noted otherwise.

11. “[The Organization of Innovation: Incomplete Contracts and the Outsourcing Decision](#)” w/ Thomas Jungbauer, Sean Nicholson, June Pan, Michael Waldman, 2026, *American Economic Journal: Microeconomics*
10. “[Legalization and Innovation in the Cannabis Market](#)” w/ Nathan Chan, 2026, *International Journal of Industrial Organization* (MPI discussion paper) 1st author
9. “[Marketing Authorization and Strategic Patenting: Evidence from Pharmaceuticals](#)” w/ Dennis Byrski, 2025, *Journal of Public Economics* (The Conversation; 2024 ASHEcon Program Chair Award in Rx drugs; WP link)
8. “[Procurement Institutions and Essential Drug Supply in Low- and Middle-Income Countries](#)” w/ Nahim Zahur, 2025, *Journal of Health Economics* (MPI discussion paper; 2023 IHEA Adam Wagstaff Prize Winner) 1st author
7. “[A Cost-Benefit Analysis of the Medicines Patent Pool](#)”, 2023, *Economics Bulletin* (links: MPI discussion paper; a structural model follow-up of Wang, JHE 2022)
6. “[Human Mediation Leads to Higher Compliance in Digital Mental Health: Field Evidence from India](#)” w/ Chirantan Chatterjee, Marina Chugunove, Ghosh Mainak*, Abhay Singhal, 2023, *Frontiers In Behavioral Economics, Special Issue: The Ethics and Behavioral Economics of Human-AI Interactions* (links: SSRN)
5. “[Collaborating Neuroscience Online: The Case of the Human Brain Project Forum](#)” with Ann-Christin Kreyer*, 2022, *PLOS ONE* (links: MPI discussion paper; data repo.; Altmetric)
4. “[Global Drug Diffusion and Innovation with the Medicines Patent Pool](#),” 2022, *Journal of Health Economics* (links: MPI discussion paper; slides; The Conversation article; Altmetric; won several *Best Paper Awards*)

3. “U.S. State Approaches to Cannabis Licensing” with Nicholas Wilson*, 2022, *International Journal of Drug Policy* (links: MPI discussion paper; slides; data repository)
2. “The Complementarity of Drug Monitoring Programs and Health IT for Reducing Opioid-Related Mortality and Morbidity,” 2021, *Health Economics* (links: MPI discussion paper; slides; won several *Paper Awards*; CBO cite)
1. “The Secret Menu in Health Care: A Cash Market for Imaging in California,” with Jordan Epstein, Sean Nicholson, Katherine Hempstead, Sam Asin, 2020, *INQUIRY* (links: MPI discussion paper; slides) *Funded by a 6-digit Robert Wood Johnson Foundation Grant in 2016 (PI: Jordan Epstein, Stroll Health)*, co-1st author
Policy Reports & Notes (peer-reviewed)

“Digital Interventions in The Health Sector: Country Cases and Policy Discussions,” with Carolina Bloch, 2023, *IMF Notes*, International Monetary Fund, Washington, DC (link: SSRN Working Paper) 1st author
Best Paper Proceedings (juried)

“Medicines Patent Pool and HIV Drug Cocktail Diffusion and Innovation,” 2021, In Guclu Atinc (Ed.), *Best Paper Proceedings of the Eight-first Annual Meeting of the Academy of Management* ($\leq 10\%$ acceptance rate)

“The Complementarity of Health Information & HIT for Reducing Opioid-Related Mortality and Morbidity,” 2019, In Guclu Atinc (Ed.), *Best Paper Proceedings of the 79th Annual Meeting of the Academy of Management* (top $\leq 10\%$ among accepted papers based on peer review scores)

Book Chapters

“Manufacturing Fetishism: The Neo-Mercantilist Preoccupation with Protecting Manufacturing,” with Alecia W. Cassidy and Edward Tower, 2015, In Amitrajeet Batabyal and Peter Nijkam (Ed.), *The Region and Trade: New Analytical Directions*, p.137-175 (links: Duke Econ working paper)

WORKING PAPERS

Ditto: Authorship order follows economics standard (default: equal contributions & alphabetical order), unless noted otherwise.

“Health IT Diffusion and Physician Density” (w/ Jason Huh and Jianjing Lin; link)

“Patent Management and Licensing in China: New Evidence from Field Surveys” (w/ Xia Liu, Xinmiao Yu, Dietmar Harhoff) 2nd author

“Institutional Innovation for Neglected Diseases: The Case of the Priority Review Voucher” (w/ Emma Dean)

“Digitization in Health Care Markets: Upstream Innovation and Downstream Health” (w/ Sean Nicholson; *Revise & Resubmit*, chapter for the JHU Handbook on Applied Health Economics and Policy) 1st author

WORK-IN-PROGRESS

“Market Concentration, Trade Interruption, and Health Outcomes in the Plasma Market” (w/ Emily Battaglia)

“Megaprojects, Platforms, and Productivity: Evidence from the Human Brain Project” (w/ Ann-Christin Kreyer*)

“U.S. State and Local Cannabis Social Equity Programs and Market Outcomes” (w/ Samyuktha Badri**)

SHORT NOTE & DATA PRODUCTS

“Patent Classification Systems and Technological Categorization: An Overview and Update” (links: SSRN; data)

RESEARCH OUTREACH

Published 5 articles at The Conversation: [article page](#) (2 solo-authored, 3 as the 1st coauthor)

RESEARCH GRANTS

External Grants (PI=Principal Investigator)

NIH UG3/UH3 grant (\$5 Million, pending), *subaward PI at UMass Amherst* (\$154,622), *co-PI for Healthcare Utilization: “Cervical Spondylotic Myelopathy - Laminoplasty Surgical Trial (CSM-LAST)”* (main PI: Zoher Ghogawala, UMass Chan), (recommended for full funding by NIH NIAMS and passed NIH Council votes in 2025, but did not make the post-OBBS payline cut at the 4th percentile; revised & resubmitted, March 2026)

Marion and Jasper Whiting Foundation Fellowship Grant (\$6,732.00), PI, “*Institutional Innovation in Global Health Economics*”, 2026.4-2028.5

Cosmos x IHS AI-Accelerated Grant (\$2,554.50), PI, “*Benchmarking AI Tools for Science Policy: Assessing the Human Brain Project's Impact on Brain-AI Research Trajectories*,” Cosmos Institute-IHS, 2026.3-2027.3

Hayek Fund for Scholars (\$2,500) and Expense Support (\$1,000), Institute for Humane Studies, 2022

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

National Undergraduate Research Innovation Grant (¥10,000≈\$1,600), PI, “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

China Ping An National Academic Dissertation Contest (¥15,000≈\$2,400), PI, awarded for 1st & 2nd prizes of papers, 2010 & 2011 (topics: longevity risk; health insurance for children of migrant workers)

China Banking Association Micro Entrepreneurship Investigator Grant, 2010

Internal Grants

MSP Membership Grant (\$1,000), “Strengthening the Health Economics Research Community,” as team leader (PI), co-PI: Jianjing Lin, Michal Horny, Christopher Boone, Debi Mohapatra, UMass Amherst, 2025–2026

Institute of Diversity Sciences Seed Grant (\$14,619), “Equity in IV Medication Safety: A Multidisciplinary Approach to Evaluating IV Medication Error Risk in Intensive Care”, PI team member, UMass Amherst, 2025–2026

Center for Data Science Data Core Seed Funding (one-week engagement), 2025

Office of Faculty Development Mutual Mentoring Grant (\$6,000), “Building a Health Economics Research Group”, as team leader (PI), co-PI: Debi Mohapatra, Christopher Boone, and Liz Evans, UMass Amherst, 2024–2025

UMass Office of Research Development, Large-scale Integrative Research Awards (LIRA), co-Investigator (\$29,992), “Center for multi-sectoral decision analytics for health and social equity and justice,” 2024–2025

Baden-Württemberg Researcher Mobility Program Grant (\$3,000), UMass Amherst, 2023–2024

Office of Faculty Development Mutual Mentoring Micro Grant (\$1,500), UMass Amherst, 2023–2024

College of Social & Behavioral Sciences Faculty Research Support Grant (\$7,000), UMass Amherst, 2023

Public Interest Technology Initiative (PIT@UMass) Inaugural Faculty Grant (\$5,000), UMass Amherst, 2022

MSP Research Support Fund (\$1,000 annually) and Flex Grant (\$500 annually), UMass Amherst, 2021–now

Start-up Fund, Resource Economics Dept., College of Social & Behavioral Sciences, UMass Amherst, 2021–2023

Principal Investigator, Cornell SC Johnson College of Business “Innovation, Entrepreneurship, and Technology” (IET) Theme Inaugural Travel Grant (\$2,000), 2019–2020

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

FELLOWSHIPS, AWARDS, & HONORS

Best Young Researcher Award, Conf. on Health IT and Analytics (CHITA), UT Austin (McCombs)–JHU (Carey), 2025

Program Chair Award in Prescription Drugs Area, American Society of Health Economists (ASHEcon), 2024

IHEA *Adam Wagstaff Prize* Winner (\$1,000), International Health Economics Association (IHEA), 2023

SBS Dean’s Fellowship, College of Social and Behavioral Sciences, UMass Amherst, 2023-

Public Engagement Project Faculty Fellow, UMass Amherst, Spring 2023

Faculty Scholarly Writing Fellow, Office of Faculty Development, UMass Amherst, 2022-2023
 Institute for Social Science Research (ISSR) Scholar, University of Massachusetts Amherst, 2022-2023
 Academy of Management *Best Paper Proceedings*, AOM technology & innovation mgnt (TIM) division, 2021
Best Student Paper nominee, Antitrust Writing Awards, Concurrences, 2020
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 Proceedings*, 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
 Pharmaceutical Management Certificate, Cornell University, 2019
Young Researcher Best Paper Award, The 9th 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, 2nd prize in Beijing, 2011
 China National Undergraduate Mathematical Contest in Modeling, 2nd prize National, 2010
 National Insurance Education Hope Scholarship (¥8,000~\$1,170), Insurance Society of China, 2009

CONFERENCE, SEMINAR, & WORKSHOP PRESENTATIONS

+ scheduled; * presented by co-author; acronyms: American Economic Association (AEA), Academy of Management (AOM), American Society of Health Economists (ASHEcon), Intl. Health Economics Association (IHEA), International Industrial Organization Conf. (IIOC), North East Universities Development Consortium (NEUDC), Conf. on Health IT and Analytics (CHITA), American Law & Econ Association (ALEA)

2026: AEA meeting (poster & video interview, discussant x2), Philly; SERN applied micro workshop, online; WIPIP, BU Law; TPRI brownbag seminar, BU; IIOC (presenter & discussant), Boston; ASHEcon (chair & discussant)⁺, Minneapolis; NBER "Geography and Health: Exploring Rural-Urban Disparities"⁺; International Workshop on Regional, Urban and Spatial Economics in China (RUSE)⁺, Beijing; ***Invited talks:*** Okanagan Wellbeing Symposium (lightening talk), UMass Amherst; Health innovation virtual seminar, online/UC Santa Barbara; Computational Social Sciences Initiative (CSSI) seminar, UMass Amherst; UMass Chan PQHS (Population and Quantitative Health Sciences) Research Methods Meetings, Zoom

2025: AEA meeting (presenter x2 & discussant), San Francisco; SERN applied micro workshop, online; UMass Health Econ WIPS (mixer & seminar); Chinese Economists Society North America Conf, U Michigan (Ross); NBER Productivity lunch seminar, NBER; CHITA, UT Austin (McCombs); LIRA workshop (poster), UMass Amherst; ALEA, NYU (law); Munich Summer Institute; HPI-ZEW-DIW Applied Economics in Digital Health Workshop, Mannheim; ASHEcon (x3 panelist/presenter/discussant), Nashville; IHEA (presenter & discussant), Bali, Indonesia; Decision Science Institute annual conf., * Orlando; ***Invited seminars:*** Overcoming Barriers In Work Ongoing (OBIWON) meeting, UMass Chan; U Albany SUNY, NY; US FDA Research Brownbag, online; HEC Lausanne (guest speaker for the "Strategy in Digital Markets" graduate course), virtual

2024: AEA meeting (poster), San Antonio; SERN applied micro workshop, online; TPRI brownbag seminar, BU; UMass Amherst Health Econ WIPS; NBER Productivity lunch seminar; IIOC (presenter & discussant), Boston; Cornell Econ Alum workshop; ALEA meeting, U Michigan (law); Munich Summer Institute (presenter & discussant); Applied Economics in Digital Health workshop, Hasso Plattner Institute; ASHEcon (x3), San Diego;

MPI Kuratorium (poster)*; AOM (x2), Chicago; IHEA Digital Health Tech ECR Zoom Mixer; ***Invited seminars:*** Uni. of New Hampshire; NTHU-UNSW Symposium on Sustainable Finance & Economics, online; Digital, Data, & Design (D3) institute, Harvard Business School; Asia Health Policy Program webinar & seminar, Stanford; 7th Annual Health Financing Forum, World Bank/USAID/GFF; Taiwan Symposium on Innovation Economics & Entrepreneurship, online; ZEW-Mannheim; Tongji-WIPO IP Forum (discussant), Shanghai

2023: AEA meeting (poster) and AEA CeMENT workshop, New Orleans; Works in Progress for Intellectual Property Scholars Colloquium (WIPIP), Suffolk Law School, Boston; NBER Productivity Seminar, Boston Univ (Questrom); UMass Amherst Health Economics WIPS; PatCon: Patent Conference, Northwestern (Pritzker Law); IIOC, DC; Cornell Econ Alum Workshop, Ithaca; Junior Innovation Econ Conference, Harvard Business School; Munich Summer Institute (x2, paper & poster); Industry Studies Association Conference, OSU (Fisher); Highland Health Economics Symposium, UK; EuHEA seminar*, virtual; ASHEcon conference (x3, presenter & discussant), St. Louis; CARISCA's Supply Chain Research Summit, virtual/Ghana; MPI Kuratorium (poster)*; IHEA World Congress, Cape Town; IPSC, Yeshiva U (Cardozo Law); EPIP*; UMass Amherst IO Brownbag; Caribbean Health Economics Symposium; RISE6*, Munich; ***Invited seminars:*** University of Central Oklahoma, virtual; International Monetary Fund (IMF) GovTech workshop, virtual; Econ ProSeminar, virtual; Taiwan Symposium on Innovation Economics & Entrepreneurship, virtual; IMF seminar (Expenditure Policy division, Fiscal Affairs Dept.), virtual; WIPO-Tongji Intl. IP Forum, Shanghai; Triangle Health Economics Workshop, Duke Fuqua

2022: AEA annual meeting (poster), Boston, virtual; CHITA,*, DC, hybrid; UMass Amherst ResEcon IO Brown Bag; Technology & Policy Research Initiative (TPRI) Brown Bag Seminar, Boston Univ, virtual; SERN applied micro workshop, online; Industry Studies Association annual conference (x2), Wharton; ASHEcon conference (x3), Austin; MPI Konsortium (poster)*; AOM annual meeting (x2), Seattle; IPSC, Stanford Law; ZEW workshop on Economics of Public Procurement, Mannheim; ***Invited seminars:*** cross-disciplinary Knowledge Data Research (xKDR), India, virtual; Health Policy Workshop, Indiana University Bloomington, virtual; Canadian Centre for Health Economics, U Toronto, virtual; Essen Health Economics Seminar, Germany, virtual; Taiwan Symposium on Innovation Economics and Entrepreneurship, National Tsing Hua University, virtual; Munich Summer Institute (discussant), Germany; Shanghai Intl. College of Intellectual Property seminar, online; 19th Shanghai International Intellectual Property Forum, SICIP and World Intellectual Property Organization (WIPO), virtual

2021: Mannheim Centre for Competition and Innovation (MaCCI) annual conference (presenter & discussant), virtual; MPI Spring Research Seminar, virtual; IIOC (presenter & discussant), virtual; Spring Meeting of Young Economists (presenter & discussant), University of Bologna, virtual; Industry Studies Association Annual Conference (x2), virtual; ASHEcon conference (x4; presenters & discussants), virtual; Treffen des Fachbeirats, MPI (poster), virtual; IHEA World Congress (x2, oral presenter & e-poster), virtual; AOM annual meeting, virtual; European Policy for Intellectual Property (x2, main & PhD workshop)*, hybrid/online; NEUDC (presenter & discussant), Boston University, virtual; ***Invited seminars:*** TIME Colloquium (discussant), TU Munich–LMU Munich–MPI, virtual; Columbia University (Mailman School of Public Health), virtual; Shanghai International College of Intellectual Property, virtual; Innovation Workshop, LMU Univ of Munich, virtual; TIME Colloquium, LMU-MPI-TUM, virtual; IP & Innovation seminar, Université de Lausanne, virtual; Technische Universität München (management), virtual; KU Leuven (Management, Strategy, & Innovation seminar), Belgium, virtual; European Health Economics Association (EuHEA) seminar, virtual; 4th Research on Innovation, Science and Entrepreneurship Workshop (RISE4, discussant), virtual; iHEA Health System Efficiency SIG webinar, virtual

2020: AEA annual meeting, San Diego; IIOC^C, Philadelphia; Industry Studies Association Annual Conference, virtual; ASHEcon^C, St. Louis; Chinese Economists Society North America meeting, virtual; NBER Entrepreneurship Working Group Meeting, virtual; ***Invited seminars:*** Max Planck Institute for Innovation and Competition (x2), Munich; UMass Amherst (Resource Economics); Univ of Illinois at Chicago; RAND, DC; Melbourne Institute,

University of Melbourne; National University of Singapore (Business School), virtual; University of Sydney; Annual Empirical Intellectual Property Law Meeting^c, UT Austin (Law); US Food and Drug Administration (FDA) Research Brownbag, virtual; NYU Stern (MBA guest speaker), virtual (c: canceled due to COVID-19)

2019: AEA annual meeting (poster), Atlanta; Cornell SC Johnson College of Business IET brownbag seminar; Industry Studies Association Conference (x2, healthcare; innovation), Nashville; Consortium for Competitiveness and Cooperation (CCC) conference, Duke (Fuqua) & UNC-Chapel Hill (Kenan-Flagler); ASHEcon conference (poster), D.C.; IHEA World Congress, Basel, Switzerland; Intellectual Property Scholars Conference, DePaul Univ. (Law School); AoM annual meeting, Boston; European Policy for Intellectual Property, ETH Zürich; Policy Analysis & Management seminar, Cornell; NEUDC (presenter & discussant), Northwestern U; Wharton Innovation Doctoral Symposium (presenter & discussant); Institute for Operations Research and the Management Sciences (INFORMS) annual meeting, Seattle; Economics Graduate Student Conference, WUSTL; APPAM Fall Research Conference, Denver; Applied Economics seminar, Cornell (Dyson); NBER Productivity Seminar, Cambridge, MA; Econometric Society European Winter Meeting, Rotterdam; ***Invited seminars:*** Medicines Patent Pool seminar, Geneva, Switzerland; Cornerstone Research, New York City; Charles River Associates, Boston; UC Berkeley (Haas School of Business) seminar

2018: AEA annual meeting (poster & highlighted video interview), Philadelphia; ASHEcon conference (presenter & discussant), Emory, Atlanta; National CIRTL All-Network Teaching-as-Research Virtual Symposium; CHITA (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: APPAM fall conference, Chicago; The 1st Annual Teaching as Research National Conference, Cornell, NY; *SPARK Talks* (2017 theme: “Expansion”): Scholars Present About Research and Knowledge, Cornell, NY

2016: ASHEcon*, UPenn; Association for Public Policy Analysis & Management (APPAM) fall conf. (poster), DC

2014: Asia-Pacific Economics Association Conference, Thailand; ***Invited seminars:*** Chulalongkorn Univ., Thailand

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

2012: Asia-Pacific Risk & Insurance Association 16th 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; 5th China Insurance Education Symposium, Xiamen Univ., China, 2009

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

Invited Attendee, the Annual NBER Summer Institute, Cambridge, MA, 2015-

Invited Attendee and Excellent Paper Awardee, the 4th 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 for Undergraduate & Graduate Courses:

Topics in Advanced Econometrics (Ph.D. Econometrics III), UMass Amherst, F24, F25, F26
Intermediate Statistics for Business and Economics (undergrad.), UMass Amherst, S&F22, F23, F24, F25, F26
Health Economics (upper-level undergraduate), UMass Amherst, F21, F22, F23, F24, F25, F26
Honors Thesis (undergraduate, primary advisor, committee chair), UMass Amherst, F23, S24, F24, S25, F26
Independent Study (undergrad.)/Graduate Thesis, UMass Amherst, S22, F22, S23, F23, S24, F24, S25, S26
Guest lecture, “Innovation: A Theory & Evidence Overview”, Graduate IO, UMass Amherst, 4/27/2026
Mathematics Review Session for Management (MBA), Johnson Business School, Cornell, 8/7/2018
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

“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

Trained Facilitator for Graduate School Research Mentor Training (for faculty/postdoc/grad), UMass Amherst, 2023; facilitated Research Mentoring Workshop for faculty, UMass Amherst, 2025.8.
Co-organizer & Panelist, Mentoring Workshop for 3rd + Year Women & Non-Binary PhD Students in Economics and Economics-Adjacent Fields, AEA Committee on the Status of Women in the Economics Profession, 2022
Faculty Mentor, Mentoring Workshop for Women & Non-binary PhD Students in Health Economics & Health Policy (virtual), AEA Committee on the Status of Women in the Economics Profession (CSWEP), Fall 2021
Fellow Mentor and Leader for Graduate Research and Teaching Fellows, Cornell University, 2017-2018
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

Student Research Mentoring/Advising:

PhD students

4. Said Arslan (2024-now; Ph.D. student, ResEcon, UMass Amherst, '26/27 exp.; dissertation committee co-chair)
3. Bijesh Gyawali (2023-now; Ph.D. student, ResEcon, UMass Amherst, '27/28; as faculty teaching mentor); co-winner of the 2025 departmental Vijay Bhagavan Teaching Assistant of Distinction Award
2. Matilde Cappelletti (faculty mentor, short-term exchange, 2024; Ph.D. student at U Mannheim/ZEW '25, with a Baden-Württemberg-UMass fellowship at the 60th anniversary); 1st placement: Assistant Professor, ISEG (Lisbon School of Economics & Management), Portugal
1. Ann-Christin Kreyer (2020-2025; Ph.D. student at Munich Graduate School of Economics & Max Planck Institute for Innovation and Competition, Germany, '25); 1st placement: Manager, on building the Innovation Park Artificial Intelligence (IPAI), the Dieter Schwarz Stiftung (foundation)

Master's students

4. Zihan Zhang (2024 Spring-now; Master's student in Public Policy, UMass Amherst 24', then Master's student at Resource Econ Dept, UMass Amherst, F2024-S2026); 1st placement: Consumer Data Analyst, then Marketing, Dach Vehicles (Florida)
3. Aviva Badgili (2025.3-11, thesis supervisor; Master's student at Munich Intellectual Property Law Center (MIPLC) at the Max Planck Institute for Innovation and Competition)
2. Maryam Feyzollahi (2023 Fall; Master's student, UMass Amherst); 1st placement: PhD student at Resource Econ Dept, UMass Amherst
1. Nicholas Wilson (2020-2024; Master's in economics, LMU Munich, Germany, '23, top 3%; Research Manager, Forcier Consulting, South Sudan); 1st placement: PhD student, Nova SBE Program in Economics & Finance

Undergraduate Students (research mentees/former RAs; excluding recommendees purely based on coursework; CHC = Commonwealth Honors College at UMass Amherst, serve as CHC honors thesis committee chair)

10. Lexi Levine (2026S-now; BS Managerial Economics and Public Health Sciences, CHC, UMass Amherst, '27 exp.)
9. Ian Miller (2024F-2025S; BS Biomedical Engineering, BA Economics, UMass Amherst, '26dec exp.); presented in MassURC2025, UMass Health WIPS mixer 2025; winner (team) of the 2025 UMass student-led ventures at the Berthiaume Center for Entrepreneurship at UMass, US patent application filed on a 3D bioprinting method
8. Samyuktha Badri (2022-2025; BA Political Science, CHC, minor Resource Economics, UMass Amherst, '25 *cum laude*, CHC Scholar with greatest distinction); presented in MassURC 2024, JEDI 2024, UMass Health WIPS student mixer 2024, MassURC 2025; 1st placement: Test Administrator at Pearson, and preparing for Law School
7. Alexandros Konomis (Summer 2024, co-mentor for UMass Math & Stats Research Experiences for Undergraduates (REU) program; BS Statistics and Data Science, UMass Amherst, '25 Dec); 1st placement: UMass Amherst Stats 4+1 Master's program
6. Milosz Pankiewicz (2022-now; BS Managerial Economics, minor in Computer Science, UMass Amherst '24, Class of 2024 Commencement Speaker for Managerial Econ major in College of SBS); 1st placement: UMass Amherst ResEcon 4+1 Master (declined), then MS in Data Science in DePaul Univ after a gap year
5. Cyrus Ekland (2022-2024; BS Resource Economics, CHC, UMass Amherst, '24); graduation award: 2024 Outstanding Leadership and Service Award (departmental), presented in MassURC 2024; 1st placement: Congressional Budget Office (Low-Income Health Programs and Prescription Drug Cost Estimate Unit)
4. Andrew Hayek (2021-2024; BA Finance & Economics, CHC, minor Biology, UMass Amherst, '23 *summa cum laude*); 1st placement: Cambridge Trust, then University of South Carolina Medical School (M.D. program)

3. Eli Simon (2021-2023; BS Managerial Economics, minor in Chemistry, UMass Amherst '23); 1st placement: CustomGPT.ai (generative AI startup)
2. Victoria DiStefano (Spring-Summer, 2020; B.A. Biology & Society, Cornell '22 *summa cum laude*); 1st placement: Wharton (UPenn) deferred MBA, life science advisory consultant at Guidehouse, and founder of CardioVigi
1. Robin Wang (Spring 2018; B.S. Economics, Cornell, '18 *summa cum laude*; research mentoring for undergraduate honors thesis, which won the “Best Thesis in Health Economics” prize); 1st placement: UPenn Medical School

PROFESSIONAL SERVICES

Referee: American Economic Review; American Economic Review: Insights; American Journal of Health Economics; Applied Economics; Applied Economics Letters; Decision Support Systems; Demographic Research; Economics Bulletin; Frontiers in Digital Health; Frontiers in Public Health; Frontiers in Research Metrics & Analytics; Health Economics; Health Economics, Policy and Law; Health Information Management Journal; Health Policy; Information System Research; International Journal of Drug Policy; International Journal of Industrial Organization; INQUIRY; Journal of Development Economics; Journal of Health Economics; Journal of Labor Economics; Management Science; Manufacturing & Service Operations Management; Production and Operations Management; Research Policy; Scientific Reports; Social Science Research

Associate Editor: European Journal of Health Economics, 2026.3-

Editorial Review Board: Industry and Innovation, 2025.3-, Frontiers in Research Metrics & Analytics, 2023.4-, INQUIRY: The Journal of Health Care Organization, Provision, and Financing, 2022.9-

Co-founder: IHEA Digital Health Technology special interest group (SIG), 2024 & inaugural ECR convener

Founder & Program Chair: ASHEcon “Innovation and Digitization” program area (established in 2024), 2024-

Co-chair & co-organizer (external): AOM Patent Professional Development Workshop (Patent PDW), 2023, 2024; IHEA Digital Health Technology SIG webinar organizer, 2024-2026

Co-organizer of Workshops: University-wide Conferences for Teaching and Learning (Sp2017, F2017), Cornell

Scientific Review Committee: American Society of Health Economists Conference, 2018-2024; Academy of Management Conference, 2018; Award Committee member for the AOM Health Care Management Division Outstanding Paper Based on a Dissertation, 2020; the Meeting of Young Economists, 2023-now; Member on the Advisory Board of the Research on Innovation, Science and Entrepreneurship Workshop (RISE), 2021-now; 2025 APPAM Program Committee Reviewer (Health Policy area).

Grant Reviewer: Faculty Research/Healy Endowment Grant (FRG) Campus-wide Competition, UMass Amherst, 2025-2026; Public Service Endowment Grant, UMass Amherst, 2024

Department Service (UMass Amherst): Graduate Studies Committee, 2021-2024; Faculty Hiring Committee, 2023-2025; Seminar Committee, 2023-2026; Diversity, Equity, and Inclusion (DEI) Committee, 2023-2025; Health Econ Works-in-progress Seminar Organizer, 2024-2026

(MPI): PhD admission committee, 2021 (master of business research & Munich graduate school of economics)

Virtual Economics Pro-Seminar Mock Interviewer, Fall 2021, 2022

Panelist: “Expert Discussion on IP of Biopharmaceuticals”, The Office of Health Economics, London, virtual, 2022; “Identity, Economics, and Academia: The Interaction Effects,” Wisconsinites for Inclusion and Diversity (WIDE) virtual panel, 2022; Cornell Symposium “Exploring and Preparing for Faculty Careers with an International Lens,” 2021; Cornell CIRTL Academic Job Search Panel Discussion, 2020

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

SELECTED MEDIA COVERAGE

Cannabis-related research: Forbes, WBUR (Boston NPR) interview on federal cannabis rescheduling; New England Public Media story (Karen Brown) syndicated across NHPR, CT Public, Maine, and Vermont NPR stations; The Republican / MassLive; 22 News WWLP media video interview; selected press: Marijuana Moment; MMJDaily; HealthLawProf Blog, ...

Human Brain Project related (selected press): news@UMass; Yahoo! News; India Education Diary; HealthLawProf Blog; ScienceX; PLOS Medicine; The Business Journals; Newsbreak; ...

Medicines Patent Pool: featured in *Written Description* by Prof. Lisa Larrimore Ouellette, 9/2019 (link); selected press: news@UMass; The Conversation; Medical Xpress, Yahoo! News, allAfrica, The Hour, The Telegraph, NewsBreak, NewsTimes, Global Health News Wire, Columbus Telegram, Madison.com, Connecticut Post, New Haven Register Southern Illinoisan, Rapid City Journal, Quad-Cities Online, VTLNews.com, Beatrice Daily Sun, Greensboro.com, Tucson.com, Bismarck Tribune, Flipboard, ArcaMax, Newsify, Hearst Newspapers, Old Reader, Newsblur, Houston Chronicle, Albany Times-Union, Scottsbluff Star-Herald, WFMZ-TV Online, ...

Health IT and opioid research: Highlighted in American Economic Association 2018 Annual Meeting poster videos for selected interviews, 1/2018, (video link); also included in "Videos on economists and their research" (page) - a project by the AEA's CSMGEP, CSWEP, and Div.E.Q. (full list)

Graduate School Student Spotlight, Cornell, 4/2017, graduate school interview on research, teaching, & learning (link)

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

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

Languages: Chinese (native), English (fluent), German (Duolingo: intermediate/early B1; reality: ~A2), Japanese (basics)