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Niying Li, PhD, MSc, BPharm

Assistant Professor

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Education

- 2017-2021 University of Wisconsin-Madison, PhD in Health Services
Research in Pharmacy, School of Pharmacy, USA
Advisor: Kevin A. Look, PharmD, PhD
- 2013-2014 University of Edinburgh, MSc in Health Systems and Public Policy,
Edinburgh, United Kingdom
Advisor: Mark Hellowell, PhD
- 2012 University College London, Visiting Erasmus Student, School of
Pharmacy, London, United Kingdom
- 2009-2013 Guangdong Pharmaceutical University, B.S. in Pharmacy,
Guangzhou, China

Employment

- 2023-Current Assistant Professor, University of Georgia College of Pharmacy, USA
- 2021-2023 Postdoctoral Fellow, University of Utah College of Pharmacy, USA
Job responsibilities: Data cleaning and analysis, writing research proposals and manuscripts, meet with external stakeholders, present to external stakeholders, and assist in research project logistics.
- 2017-2020 Teaching Assistant, University of Wisconsin-Madison School of Pharmacy, USA
Job responsibilities: Leading discussion sections (90 minutes each), assisting in course logistics, and grading assignments and exams.
- 2015-2017 Research Assistant, Duke Kunshan University, Global Health Research Center, China
Job responsibilities: Assisted in literature review, data cleaning and analysis. Co-authored academic research papers. Organized international academic conferences.

Honors and Awards

- 2022 Postdoc Travel Assistance Award, University of Utah
- 2021 Virtual Conference Award, University of Utah
- 2021 Wiederholt Fellowship Wisconsin Distinguished Graduate Fellow, University of Wisconsin-Madison School of Pharmacy
- 2020, 2019 Wiederholt Travel Award in Social and Administrative Pharmacy, University of Wisconsin-Madison School of Pharmacy
- 2019 Student Research Grants Competition Travel Award, University of Wisconsin-Madison
- 2019 Teaching Assistant of the Year, University of Wisconsin-Madison School of Pharmacy

Peer-reviewed Publications (*corresponding author)

Rupesh Panchal, Danielle Nguyen, Priyanka Ghule, **Niyong Li**, Theodoros Giannouchos, Raymond Pan, Joseph Biskupiak, Laura Britton, Robert Nohavec, Stacey Slager, Surachat Ngorsuraches, Diana Brixner*, Understanding Patient Cost-Sharing Thresholds for Diabetic Treatment Attributes via a Discrete Choice Experiment, *J Manag Care Spec Pharm*, 2023, 29(2):139-150.

Niyong Li*, Kevin A. Look, The Association of Caregiver Characteristics and Caregivers' Perceived Difficulty in Medication Management Tasks. *INNOVATIONS in Pharmacy*, 2022, 13(1):1-10.

Runguo Wu*, **Niyong Li**, Angelo Ercia, The Effects of Private Health Insurance on Universal Health Coverage Objectives in China: A Systematic Literature Review. *Int. J. Environ. Res. Public Health* 2020, 17, 2049.

Niyong Li, Zhan Wang*, Keith Dear, Violence against Health Professionals and Facilities in China: Evidence from Litigation Records, *Journal of Forensic and Legal Medicine*, 2019, 67:1-6.

Wang Zhan, **Niyong Li***, Mengsi Jiang, et al. Records of medical malpractice litigation: a potential indicator of health-care quality in China. *Bulletin of the World Health Organization* 95, no. 6 (2017): 430.

Bohong Guo*, Yi Cheng, **Niyong Li**, et al. In vitro and in vivo studies of galactose-modified liver-targeting liposomes. *Journal of drug targeting*, 2013, 21(3): 257-264.

Bohong Guo*, Shufen Zhong, **Niyong Li**, et al. Dissolution enhancement of cefdinir with hydroxypropyl- β -cyclodextrin. *Drug development and industrial pharmacy*, 2013, 39(11): 1638-1643.

Non-Peer Reviewed Publications

Niying Li, Re: Socioeconomic status, non-communicable disease risk factors, and walking speed in older adults: multi-cohort population based study, BMJ (British Medical Journal), May 2018, available at: <https://www.bmj.com/content/360/bmj.k1046/rr-1>

Papers in progress

Niying Li, Rupesh Panchal, Theodoros Giannouchos, Raymond Pan, Danielle Nguyen, Laura Britton, Nathorn Chaiyakunapruk, Joseph Biskupiak, Diana Brixner, The Impact of a Statewide Insulin Co-Pay Cap Legislation for Patients with Diabetes in Utah

Niying Li, Kevin A. Look, Beyond ADLs and IADLs: Improving Measurement of Caregiving Intensity

Niying Li, Kevin A. Look, The Association of Caregiver Characteristics and Caregivers' Perceived Difficulty in Health Care Interaction Tasks

Niying Li, Kevin A. Look, The Association of Limited English Proficiency and Physician Language Concordance on Patients' Perceived Quality of Care in the United States

Book Chapters

Jeffery Moe, **Niying Li**, Shenglan Tang, Referrals and Consultations: Analysis of Germany, Japan, Thailand, the United Kingdom, and the United States (in Chinese), In: Promote Grading Treatment, China Development Press, 119-225, 2017.

Peer-Reviewed Conference Podium Presentations

Niying Li, Kevin A. Look, Beyond ADLs and IADLs: Improving Measurement of Caregiving Intensity, the National Center on Family Support's 2nd Bi-annual Conference on Caregiving Research, September 2022, Pittsburgh, PA, USA

Niying Li, Kevin A. Look, Beyond ADLs and IADLs: Improving Measurement of Caregiving Intensity, Midwest Social and Administrative Pharmacy Conference, July 2022, Chicago, IL, USA

Rupesh Panchal, **Niying Li**, Theodoros Giannouchos, Raymond Pan, Danielle Nguyen, Priyanka Ghule, Surachat Ngorsuraches, Joseph Biskupiak, Laura Britton, Robert Nohavec, Stacey Slager, Diana Brixner, Patient and Provider Preferences for Diabetic Medication Attributes in support of a Discrete Choice Experiment to Capture Patient versus Health Plan Value Frameworks, AMCP, March 2022, Chicago, IL, USA

Peer-Reviewed Conference Poster Presentations

Niying Li, Kevin A. Look, Patterns of health care-related caregiving tasks performed by dementia caregivers: A latent class analysis, Poster Session at the Western Pharmacoeconomics and Outcomes Research Conference (WPEC), March 2023, Los Angeles, CA, USA

Niying Li, Rupesh Panchal, Theodoros Giannouchos, Raymond Pan, Danielle Nguyen, Laura Britton, Joseph Biskupiak, Diana Brixner, The Impact of a Statewide Insulin Co-Pay Cap Legislation for Patients with Diabetes in Utah. Poster session at AMCP Nexus, October 2022, Washington DC, USA

Niying Li, Kevin A. Look, The Association of Caregiver Characteristics and Caregivers' Difficulty in Health Care Interaction Tasks, Poster Session at the National Center on Family Support's 2nd Bi-annual Conference on Caregiving Research, September 2022, Pittsburgh, PA, USA

Niying Li, Kevin A. Look, The Association of Caregiver Characteristics and Family Caregivers' Perceived Difficulty in Medication Management Tasks. Poster session at ISPOR, May 2022, Washington DC, USA

Ashley Morris, **Niying Li**, Aaron Gilson, Elevating Dementia Care Regulation in Wisconsin to Include Dementia Health Related Quality of Life, Poster session at Alzheimer's Disease & Related Dementias Research Day, April 2022, Madison, WI, USA

Rupesh Panchal, **Niying Li**, Theodoros Giannouchos, Raymond Pan, Danielle Nguyen, Priyanka Ghule, Surachat Ngorsuraches, Joseph Biskupiak, Laura Britton, Robert Nohavec, Stacey Slager, Diana Brixner, Patient and Provider Preferences for Diabetic Medication Attributes in support of a Discrete Choice Experiment to Capture Patient versus Health Plan Value Frameworks, Poster session at AMCP, March 2022, Chicago, IL, USA

Jared Colston, **Niying Li**, Fiona Monte, Sally Rohrer, Hannah Stewart, Michael Zell, Assessing the Value of School-Based Health and Education Interventions: A Cost-Benefit Analysis of the Mali Kalanso Program, Virtual poster session at AcademyHealth Annual Research Meeting, Jun 2020, Boston, MA, USA

Niying Li, Kevin A. Look, The Association of Teach-Back Method and Asthma Patients' Perceived Quality of Care in The United States, Poster session at International Society of Pharmacoeconomics and Outcomes Research Annual Meeting, May 2020, Orlando, FL, USA (Cancelled due to COVID-19)

Niying Li, Kevin A. Look, The Association of Limited English Proficiency and Physician Language Concordance on Patients' Perceived Quality of Care in the United States, Poster session presented at International Society of Pharmacoeconomics and Outcomes Research Annual Meeting, May 2019, New Orleans, LA, USA

Niying Li, Zhan Wang, Chee-Ruey Hsieh, Keith Dear, Violence against Health Care in China: Evidence from Criminal Litigation Records, Poster session presented at the 2nd Annual Conference of the Chinese Consortium of Universities for Global Health, October 2016, Kunshan, China

Niyong Li, Zhan Wang, Chee-Ruey Hsieh, Keith Dear, Compensation and Its Determinants in Medical Malpractice Litigation in China, Poster session presented at the 2nd Annual Conference of the Chinese Consortium of Universities for Global Health, October 2016, Kunshan, China

Grant Writing Experience

Joseph Biskupiak, Diana Brixner, **Niyong Li**, Weston Schmutz. Real World Effectiveness of the Omnipod DASH Insulin Delivery System in Lowering HbA1C and Hypoglycemia Related Healthcare Spending, Insulet Corporation, \$151,495.21, funded, 2022. Role: Co-Investigator. Responsibility: data cleaning and analysis, draft the final report and manuscript, meet with and report to study sponsors.

Niyong Li, Joseph Biskupiak. Opportunity Costs of Family Caregiving for Dementia, unfunded, 2022. Role: Principal Investigator.

Apoorva Reddy, **Niyong Li**, Chi-yin Liao, Shweta Shah, Jay Ford, Reducing Antipsychotic Use for Treatment of Dementia in Nursing Homes, Baldwin Wisconsin Idea Endowment Seed Grant, \$4,000, funded and declined, 2020. Role: Co-Investigator.

Teaching Experience at University of Wisconsin-Madison:

Research Methods for Pharmaceutical Outcomes and Policy Research (PhD class), 2020 Fall

Required 3 credit course in the PhD graduate student curriculum introducing students to statistical methods, STATA program, and techniques in the evaluation of pharmaceutical services, programs, and policies using secondary data analysis techniques.

Social and Behavioral Aspects of Pharmacy Practice (PharmD class), 2020 Spring, 2019 Spring, 2018 Spring

Required 3 credit course in the professional (PharmD) curriculum for 1st year pharmacy students. This course introduces students to health and healthcare disparities as well as the pharmacist's role in the public health care system, and the patient's perspective of health, illness, medication taking and patient-pharmacist interaction.

Pharmacy in the Health Care System (PharmD class), 2019 Fall, 2017 Fall

Required 3 credit course in the professional (PharmD) curriculum for 1st year pharmacy students. The course goals are to help student pharmacists: increase their knowledge of the U.S. health care system, and understand insurance coverage for health care, prescription drugs, and pharmacist services.

Safety and Quality in the Medication Use System (PharmD class), 2018 Fall

Required 3 credit course in the professional (PharmD) curriculum for 3rd year pharmacy students. This course helps students to understand the principles and application of quality improvement strategies to enhance safety and productivity in the workplace, and implement error prevention strategies.

Guest Lectures

“Case study Insulin-Copayment Policy in State of Utah and Nationwide”, in U.S. Health Care Policy, 2022 Spring (PharmD course), University of Utah College of Pharmacy

“Health Policy”, in Foundations of Patient Centered Care, 2021 Fall (PharmD course), University of Utah College of Pharmacy

“Challenges in Economic Evaluations”, in Safety and Quality in the Medication Use System, 2019 Fall (PharmD course), UW-Madison

“Cost-Benefit Analysis”, in Safety and Quality in the Medication Use System, 2019 Fall (PharmD course), UW-Madison

“Health-Related Quality of Life (HRQoL) and Cost-Utility Analysis”, in Safety and Quality in the Medication Use System, 2019 Fall (PharmD course), UW-Madison

“Cost-Effectiveness Study and Decision Tree”, in Safety and Quality in the Medication Use System, 2019 Fall (PharmD course), UW-Madison

“Introduction to Pharmacoeconomics”, in Safety and Quality in the Medication Use System, 2019 Fall (PharmD course), UW-Madison

“International Health Care Services”, in Pharmacy in the Health Care System, 2017 Fall (PharmD course), UW-Madison

Invited Presentations

Panelist, Pharmacist P1 Open Panel Discussion, in Foundations of Patient Centered Care, November 16, 2021 (PharmD course), University of Utah College of Pharmacy

Beyond ADLs and IADLs: Revisiting Measurement of Caregiving Intensity among Informal Dementia Caregivers in the United States, March 28, 2022, Monthly Fellow Forum, University of Utah College of Pharmacy

Professional Service

Ad Hoc Referee: BMJ Global Health, Annals of Medicine, BMC Musculoskeletal Disorders, Applied Economics, Journal of Managed Care & Specialty Pharmacy, Risk Management and Healthcare Policy

Abstract Reviewer: ISPOR /ISPOR Europe /ISPOR Asia-Pacific/American Geriatrics Society Annual Meeting

Founding President: ISPOR Student Chapter at University of Wisconsin-Madison

Volunteer Experience

ISPOR Student Network Grant Review Committee, 2019-2020

Three Minute Thesis Competition Judge, University of Utah, 2023

Professional Training

Summer Workshop on Alzheimer's Disease and Related Dementias (ARD) Disparities, Johns Hopkins' Economics of Alzheimer's Disease & Services Center, Johns Hopkins University, Baltimore, Maryland, USA, 2023

Applying Novel Models for Longitudinal Continuous Outcomes Including Cognitive Function, The Alzheimer's Association International Society to Advance Alzheimer's Research and Treatment (ISTAART), Stanford University, California, USA, 2022

Training Program in Health Outcomes & Pharmacoeconomic Research, The University of Arizona (online), 2022

The Network for Data-Intensive Research on Aging (NDIRA) Data-Intensive Research Conference Pre-Conference Workshop, The University of Minnesota, Minnesota, USA, 2022

Secondary Analysis in Disability and Rehabilitation Research, Inter-university Consortium for Political and Social Research (ICPSR), The University of Michigan, Michigan, USA, 2019

Membership

AMCP

AcademyHealth

ISPOR

China Health Policy and Management Society (CHPAMS)