

Na Zhang

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 ♥ 414-416 Mumford Hall, 1301 W Gregory Dr, Urbana, IL 61801

EDUCATION

University of Illinois at Urbana-Champaign <i>Ph.D., Agricultural and Applied Economics</i>	IL, USA <i>Expected 2025</i>
Universität Hohenheim <i>M.Sc., Bioeconomy</i>	Stuttgart, Germany <i>2019</i>
Purdue University <i>Exchange student, Agricultural Economics</i>	IN, USA <i>2017 Fall</i>
Beijing Institute of Technology <i>B.Sc., International Economics and Trade</i>	Beijing, China <i>2014</i>
Universität Bayreuth <i>Exchange Student, Economics</i>	Bayreuth, Germany <i>2012 Fall</i>

PEER-REVIEWED PUBLICATIONS

- [2] **Zhang, N.**, Sharma, B. P., & Khanna, M. (2023). Determining spatially varying profit-maximizing management practices for miscanthus and switchgrass production in the rainfed United States. *GCB Bioenergy*, 15(3), 271-282. doi.org/10.1111/gcbb.13021
- [1] Sharma, B. P., **Zhang, N.**, Lee, D., Heaton, E., Delucia, E. H., Sacks, E. J., ... & Khanna, M. (2022). Responsiveness of miscanthus and switchgrass yields to stand age and nitrogen fertilization: A meta-regression analysis. *GCB Bioenergy*, 14(5), 539-557. doi.org/10.1111/gcbb.12929

WORKING PAPERS

- [1] **Zhang, N.**, Khanna M., Atallah S., Zhou Q., & Guan K. (*Draft available upon request, November 2024*). Estimating Neighborhood Effects in Inducing Cover Crop Adoption Using Satellite-based Data (*Job Market Paper*)

WORK IN PROGRESS

- [1] **Zhang, N.**, Khanna M., and Atallah S.. Conservation Payments and Disadoption of Cover Crops in the US Midwest

CONFERENCE AND SEMINAR PRESENTATIONS

- 2024** | AERE@OSWEET (Online), IPWSD workshop (Columbia University, egg-timer)
2023 | AAEA Annual Conference, AERE Annual Summer Conference (Poster), “Policy, Markets and Trade in the Bioeconomy“ Seminar (University Hohenheim, online presentation), pERE seminar (UIUC), AIFARM Annual Conference (UIUC, Poster), IPWSD workshop (Columbia University, egg-timer)
2022 | Genomic Sciences Program Annual Meeting (Poster, Visual)
2018 | Water Security and Climate Change (WSCC) Conference (Nairobi, Kenya), 2nd International Bioeconomy Congress (Poster, Germany)

AWARDS AND GRANTS

- 2024** | UIUC ACE Conference Travel Award (\$500)
2023 | AAEA Trust Scholarship (\$500), UIUC ACE Conference Travel Award (\$500)
2021 | Stipend for Illinois Summer Teaching Institute (\$1500), Berkeley/Sloan Summer School Fellowship (\$500)
2018 | Exceed-Swindon Grant for Water Security & Climate Change Conference, STIBET Scholarship (1000 Euro ×2)
2010-2014 | Scholarship for International Class, Merit-Based Scholarships (BIT)

RESEARCH EXPERIENCE

University of Illinois at Urbana-Champaign

Graduate Research Assistant to Madhu Khanna Aug. 2019 – Present
 Sustainability Theme of the Center for Advanced Bioenergy and Bioproducts Innovation (CABBI)
 Artificial Intelligence for Future Agricultural Resilience, Management, and Sustainability Institute (AIFARMS)

Graduate Research Assistant to Erica Myers Jan. 2020 – May 2020
 “Do Consumers Acquire Information Optimally? Evidence from an Experiment in Energy Efficiency”

TEACHING EXPERIENCE

Instructor at UIUC (Full responsibility) | *University of Illinois at Urbana-Champaign*

Math Camp for Masters’ Students in Applied Economics (2022 Summer)

Teaching Assistant (Leading weekly discussion sessions) | *University of Illinois at Urbana-Champaign*

ACE 310 Natural Resource Economics (2022 Spring)

ACE 210 Environmental Economics (2021 Fall)

Teaching Certificates

Graduate Teacher Certificate (2022)

Teaching Training Certificate, Illinois Summer Teaching Institute (2021)

PROFESSIONAL EXPERIENCE

World Bank, Poverty and Equity Global Practice, Short-Term Consultant 2022-2024

Universität Hohenheim (Germany), Student Assistant to Christine Wieck Apr. 2018 – Feb. 2019

BABLE Smart City Platform (Germany), Research Intern Nov. 2018 – Apr. 2019

INS Marketing Research and Consulting Co. Ltd. (China), Research Associate Aug. 2014 – Jul. 2016

Beijing Mercedes-Benz Sales Service Co. Ltd. (China), Consumer Research Intern Feb. 2014 – Jun. 2014

DEVELOPMENT

2024 Aug | Experimental Economics (Online, University of Chicago)

2023 May | Survey Design & Experimental Methods in Applied and Agricultural Economics Workshop (ASU)

2021 Aug | Berkeley/Sloan EEE Summer School

2018 Feb-Dec | EIT Food Program Certificate “How to best use novel plant protein-carbohydrate based ingredients in foods.”

SKILLS

Programming & Software: STATA, Python, GAMS, ArcGIS, L^AT_EX

Language: Chinese (native), English (fluent), German (basic)

SERVICES

Center for Economics and Sustainability, graduate committee member (UIUC, 2020 – present)
iSEE Critical Conversation 2023 workshop “Climate-Smart Agricultural Practices and Resilience in the Midwest”,
Note-taker (Chicago, September 18-19, 2023)
ACE Diversity, Equity, and Inclusion committee, student representative (UIUC, 2022 – 2023)
AERE Annual Summer Conference Abstract reviewer (2023, 2024)

PROFESSIONAL ASSOCIATION

Association of Environmental and Resource Economists (AERE)
Agricultural and Applied Economics Association (AAEA)

REFERENCES

Madhu Khanna

ACES Distinguished Professor of Environmental Economics
Alvin H. Baum Family Chair
Director of Institute for Sustainability, Energy and
Environment (iSEE)
University of Illinois at Urbana-Champaign
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Shadi S. Atallah

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Erica Myers

Associate Professor
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Canada Research Chair in Environmental, Energy, and
Resource Economics
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Richard J. Brazee (Teaching Reference)

Associate Professor
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Sciences
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