

YUTING YANG

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EMPLOYMENT

Assistant Professor, Department of Economics, University of New Mexico *August 2021 - Present*
Research Fellow, Toulouse School of Economics *September 2020 - December 2020*
Visiting Scholar, Bren School of Environmental Science & Management, University of California
Santa Barbara *March 2019 - June 2019*

EDUCATION

Toulouse School of Economics, France *June 2020*
Ph.D. in Economics
Thesis: *Economic Studies on Energy Transition and Environmental Regulations*
Advisors: Stefan Ambec, Nicolas Treich

Toulouse School of Economics, France *October 2015*
M.A. in Economics (Theory and Econometrics)

Vanderbilt University, United States *June 2014*
M.A. in Economic Development

Zhejiang University, China *June 2012*
B.A. in International Economics & Trade

PUBLICATIONS

Xu, J., **Yang, Y.**, Jin, H., Zheng, Y., & Qiao, S. (2024) Bridging gaps between lab and fab-oriented anode design for proton exchange membrane water electrolyzers. *Chem.*

Ambec S. & **Yang Y.** (2024). Climate policy with electricity trade. *Resource and Energy Economics*, 76, 101422.

Yang Y. (2022). Electricity interconnection with intermittent renewables. *Journal of Environmental Economics and Management*, 113, 102653.

Treich N. & **Yang Y.** (2021). Public safety under imperfect taxation. *Journal of Environmental Economics and Management*, 106, 102421.

WORKING PAPERS

Yang, Y., Disentangle the distributional inequity of solar tax credits. *Under Review.*

Zou, H., Du, H., Zuo J., He, G., Feng, K., **Yang, Y.**, Brown, M., Tang, L., & Wang, C., Adaptive investment behaviours enable earlier carbon peak in low carbon electricity transition. *Under Review.*

Xiao, S., **Yang, Y.**, Li, Y., Lin, J., & Jin, Y., Assessing the economic and social viability of phasing out SF6 in interconnected power grids. *Under Review.*

Wang, R., **Yang, Y.**, Guo, J., Zhang, Q., Wan, Y., Cao, F., Han, L, & Ling, T., High-performance impure water proton-exchange-membrane electrolyzers. *Under Review.*

Yang, Y. & Zhao, J., Sunlight for all? Examining socioeconomic disparities in residential solar PV adoption across New Mexico. *In preparation.*

Chermak, J., Kaczmariski, J., Olszowka, E., & **Yang, Y.**, Distributed energy resilience: Evaluating the economic impact of community microgrid implementation. *In preparation*.

Serra, C. & **Yang, Y.**, The impact of net metering policy design on residential solar capacity decisions. *Work-in-progress*.

Jiang, H., & **Yang, Y.**, Can EITC reduce energy burden and energy poverty? *Work-in-progress*.

OTHER SCHOLARLY WORKS

Yang Y. & Zhao J. (2024). Equity in solar PV adoption in New Mexico. *White Paper, UNM Department of Economics, prepared for the State of New Mexico*.

Ambec S. & **Yang Y.** (2023). Can supergrids save the planet? *TSE Reflect*.

Yang Y. (2022). Challenges and opportunities of electricity interconnection with renewables. *EAERE Magazine*.

RESEARCH FUNDING

Pathway to Zero Natural Gas: Understanding the Transition from Natural Gas to Electric Appliances in LADPU Households (PI)

Los Alamos Department of Public Utilities 01/2025 – 08/2026, \$70,000

Four Corners Carbon Storage Hub: Carbon SAFE Phase III Project Subaward (Lead PI)

Department of Energy, 10/01/2024-09/30/2027, \$407,482

CUSP: Four Corners Regional Initiative Subaward (Co-PI)

Department of Energy, 10/01/2024-09/30/2026, \$230,000

The Impact of Market Structure and Utility Incentives on Solar PV Adoption in New Mexico (PI)

New Mexico Research and Public Service Projects, 08/15/2024 – 06/30/2025, \$20,000

Equity in New Mexico Residential Solar Photovoltaic Adoption (PI)

New Mexico Research and Public Service Projects, 05/01/2023 – 06/30/2024, \$48,404

The New Mexico SMART Grid Center: Sustainable Modular Adaptive Resilient and Transactive (Senior Personnel)

National Science Foundation EPSCoR RII Track-1, 09/15/2018 – 08/31/2023, \$125,000

CONFERENCE AND WORKSHOP PRESENTATIONS

2024: New Mexico Consortium for Energy Sustainability and Advanced Management Workshop, SEA Washington DC, USAEE Baton Rouge, CU ERE Workshop Vail

2023: USAEE Chicago, University of Tennessee Knoxville, Min H. Kao Department of Electrical Engineering and Computer Science

2022: Nanjing University School of Environment

2021: SEA virtual, Xiamen University School of Economics, EAERE virtual, IAEE virtual, AERE virtual

2020: SEA virtual, SURED virtual, TSE-EDF Energy Workshop

2019: SBCA European Conference Toulouse, EAAERE Beijing, EAERE Manchester, FAERE Winter Thematic Workshop Paris

2018: WCERE Gothenburg, SBCA Washington DC

2017: FAERE Thematic Workshop Paris, FAERE Nancy

TEACHING

ECON 300 Intermediate Microeconomics (2024 Fall, 2024 Spring, 2023 Fall, 2021 Fall)
ECON 342 Environmental Economics (2024 Spring, 2021 Fall)
ECON 402/502 Applied Economic Theory and Analysis (2025 Spring)
ECON 501 Microeconomic Theory (2024 Fall, 2023 Fall, 2022 Fall)
ECON 542 Topic in Environmental and Energy Economics (2022 Spring)

AWARDS AND HONORS

EAERE Best Doctoral Dissertation in Environmental and Resource Economics 2021

PROFESSIONAL ACTIVITIES

Referee for: *Nature Climate Change*, *Journal of Environmental Economics and Management*, *Resource and Energy Economics*, *International Tax and Public Finance*, *Energy Economics*, *Economic Theory*, *Mathematical Social Sciences*

Conference paper review: USAEE/IAEE 2023, APPAM 2022, AERE@SEA 2022

Conference session organization: SEA 2023, USAEE Young Professional Best Paper Award Competition 2023, 2024

UNM DEPARTMENTAL SERVICES

Seminar Committee (chair 2023-2025, member 2020-2022)

Core Exam Committee (member 2023-2025)

Graduate Committee (member 2021-2023)

Personnel Committee (member 2022-2023)

Interview Committee (member Summer 2022)

Faculty advisor for the Economic Graduate Student Organization (2023-2025)