

**College of Arts and Sciences
Faculty Vitae**

Yuting Yang

Department of Economics

January 2024

Educational History

- Ph.D., June 2020 Toulouse School of Economics
1, Esplanade de l'Université, 31080 Toulouse Cedex 06, France
Ph.D. Fields: Environmental Economics, Public Economics
Dissertation: *Economic Studies on Energy Transition and Environmental
Regulations*
Advisors: Stefan Ambec, Nicolas Treich
- M.A., October 2015 Toulouse School of Economics
1, Esplanade de l'Université, 31080 Toulouse Cedex 06, France
Field: Economics Theory and Econometrics
- M.A., June 2014 Vanderbilt University, Department of Economics
2201 West End Ave, Nashville, TN 37235
Field: Economic Development
- B.A., June 2012 Zhejiang University, School of Economics
866 Yuhangtang Road, Xihu Qu, Hangzhou, Zhejiang, China, 310027
B.A. major: International Economics & Trade

Employment History

Principle Appointments:

Assistant Professor of Economics, University of New Mexico, Albuquerque, NM
87131 August 2021 – present

Concurrent/Temporary Appointments:

Research Fellow, Toulouse School of Economics, 1, Esplanade de l'Université,
31080 Toulouse Cedex 06, France September 2020 – December 2020

Visiting Scholar, Bren School of Environmental Science & Management,
University of California, Santa Barbara, 2400 Bren Hall Santa Barbara, CA 93106
March 2019 – June 2019

Professional Recognition and Honors

2021 EAERE Best Doctoral Dissertation in Environmental and Resource Economics Award, European Association of Environmental and Resource Economics

Scholarly Achievements

Articles Published in Refereed Journals

- 1) Treich, N. & **Yang, Y.** (2021) Public safety under imperfect taxation. *Journal of Environmental Economics and Management* 106,102421.ISSN: 0095-0696.
- 2) **Yang, Y.** (2022) Electricity Interconnection with Intermittent Renewables. *Journal of Environmental Economics and Management* 113,102653.
- 3) Ambec, S., & **Yang, Y.** (2023) Climate policy with electricity trade. *Resource and Energy Economics*

Other Scholarly Works

- 1) **Yang, Y.** (2022). Challenges and Opportunities of Electricity Interconnection with Renewables. *EAERE Magazine*, 14.
- 2) Ambec, S & **Yang, Y.** (2023). Can supergrids save the planet? TSE Reflect, May 2023. <https://www.tse-fr.eu/can-supergrids-save-planet>

Works in Progress

Submitted for publication

- 1) Xiao, S., Li, Y., Lin, J., Jin, Y., & **Yang, Y.**, Benefit-cost analysis of eliminating SF6 in the power sector. Submitted

In preparation

- 1) Chermak, J., & **Yang, Y.**, A framework of power system resilience with economic impact. In preparation
- 2) Ambec, S., Bobtcheff, C., & **Yang, Y.**, Electricity tariffication with prosumers. In preparation
- 3) Chermak, J., Kaczmarek, J., Olszowka, E., & **Yang, Y.**, Economic impact of community microgrid. In preparation

Invited or Refereed Abstracts and/or Presentations at Professional Meetings

Solar adoption equity: Evidence from New Mexico; United State Association of Energy Economists (USAEE) 40th Annual Conference; November 2023

Climate policy with electricity trade; Workshop at Nanjing University School of Environment; September 2022

Mitigating non-carbon greenhouse gas emissions: the case of Sulfur Hexafluoride; Southern Economic Association (SEA) 91st Annual Meeting; virtual; November 2021

Electricity Interconnection with Intermittent Renewables; Xiamen University School of Economics Seminar Series; Xiamen, Fujian, China; May 2021

Unilateral Climate Policies and Electricity Interconnection; 26th Annual Conference of European Association of Environmental and Resource Economists (EAERE); virtual; June 2021

Mitigating Non-carbon Greenhouse Gas Emissions: the Case of Sulfur Hexafluoride; 1st International Association of Energy Economics (IAEE) Online Conference; virtual; June 2021

Unilateral Climate Policies and Electricity Interconnection; 2021 Association of Environmental and Resource Economists (AERE) Summer Conference; virtual; June 2021

Unilateral Climate Policies and Electricity Interconnection; Southern Economic Association 90th Annual Meeting; virtual; November 2020

Electricity Interconnection with Intermittent Renewables; SURED 2020 Conference; virtual; October 2020

Electricity Interconnection with Intermittent Renewables; TSE-EDF Energy Workshop; virtual; May 2020

Electricity Interconnection with Intermittent Renewables; 8th Annual Conference of East Asia Association of Environmental and Resource Economists; Beijing, China; August 2019

Electricity Interconnection with Intermittent Renewables; 24th Annual Conference of EAERE; Manchester, UK; June 2019

Electricity Interconnection with Intermittent Renewables; 2019 French Association of Environmental and Resource Economists (FAERE) Winter Thematic Workshop; Paris, France; December 2019

Public Safety and Imperfect Taxation; 6th World Congress of Environmental and Resource Economists; Gothenburg, Sweden; June 2018

Public Safety and Imperfect Taxation; Society of Benefit-Cost Analysis (SBCA) 10th Annual Conference; Washington, D.C.; March 2018

Public Safety and Imperfect Taxation; 8th FAERE Thematic Workshop; Paris, France; December 2017

Public Safety and Imperfect Taxation; 4th FAERE Annual Conference; Nancy, France; September 2017

Contributed (un-refereed) Abstracts and/or Oral Presentations at Professional Meetings

Electricity Interconnection with Intermittent Renewables; Toulouse School of Economics Energy Workshop; Toulouse, France; January 2019

Research

Research Funding

2RMN6I-NM SMART Grid

William Michener

NSF EPSCoR

9/15/2018 – 8/31/2023, \$125,000

Equity in New Mexico Residential Solar Photovoltaic Adoption

Yuting Yang

New Mexico RPSP

5/1/2023 – 8/31/2024, \$48,404

Pending Research Funding

New Mexico Grid Modernization and Customer Engagement

Jon Hawking

DOE

12/2023 – 11/2028, \$36,017,040

San Juan Technical Assistance Partnership for Carbon Management Subaward

Yuting Yang

DOE

10/2024 – 09/2027, \$375,000

Teaching

Doctoral Advisement

Name of Ph.D. recipient; Date degree was awarded; Title of dissertation

Masters Advisement

Name of MA/MS recipient; Date degree was awarded; Title of thesis

Include Ph.D. and MA/MS students with degrees in progress; expected dates of degrees

Bachelor's Honors Advisement

Name of honors student; Date; Degree; Title of honors thesis

Undergraduate Student Mentoring

Yubei li; 2020-2022; Bachelor of Arts; Benefit-cost analysis of SF6 mitigation in the power sector

Ryder Cockrell; Sep – Dec 2023; Bachelor of Arts; RPSP project research assistant

Vicente Lyon; Sep – Dec 2023; Bachelor of Arts; RPSP project research assistant

Rhoan McMaster; Jan – May 2024; Bachelor of Arts; ASSURE program advisee

Graduate Student Mentoring

Name of student; Date; Degree; Type of project or Name of program

Jesse Kaczmarek; 2021-2023; Doctorate; NM EPSCoR SMART Grid project

Clara Harig; 2021-2022; Doctorate; NM EPSCoR SMART Grid project

Wilfred Osei; 2021-2022; Doctorate; NM EPSCoR SMART Grid project

Ewa Olszowka; 2021-2023; Doctorate; Committee on studies, NM EPSCoR SMART Grid project

Jiaqing Zhao; 2022-2024; Doctorate; NM EPSCoR SMART Grid project, RPSP project

Ahmed Amine Jawhari; 2023-2024; Doctorate; Graduate teaching assistant

Classroom Teaching

<u>Year</u>	<u>Semester</u>	<u>Course Name</u>	<u>Course ID</u>	<u>Students</u>
2021	Fall	Intermediate Microeconomics	ECON 300	18
2021	Fall	Environmental Economics	ECON 342	28
2022	Spring	Topics in Environmental and Energy Economics	ECON 542	10
2022	Fall	Microeconomic Theory	ECON 501	8
2023	Fall	Intermediate Microeconomics	ECON 300	12
2023	Fall	Microeconomic Theory	ECON 501	6
2024	Spring	Intermediate Microeconomics	ECON 300	11
2024	Spring	Environmental Economics	ECON 342	29

Service

Departmental Service

Seminar Committee, Department of Economics, UNM, 2023-2024 (chair)
Core Exam Committee, Department of Economics, UNM, 2023-2024 (member)
Seminar Committee, Department of Economics, UNM, 2020-2022 (member)
Graduate Committee, Department of Economics, UNM, 2021-2023 (member)
Personnel Committee, Department of Economics, UNM, 2022-2023 (member)
Interview Committee, Department of Economics, UNM, Summer 2022 (member)
Faculty advisor, Economic Graduate Student Organization, UNM. 2023-2024

Referee

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

Administrative work with professional societies

Academic committee member, US Association for Energy Economics (USAEE), 2023 – 2024

Professional Memberships

American Economic Association
European Economic Association
Association for Environmental and Resource Economists
European Association for Environmental and Resource Economists
Chinese Association for Environmental and Resource Economists
East Asia Association for Environmental and Resource Economists
Society of Benefit-Cost Analysis
Southern Economic Association
International Association for Energy Economics
US Association for Energy Economics
IEEE Power and Energy Society