

# RUIRUI DANG

University of Connecticut  
1376 Storrs Road, Unit 4021, Room 302  
Storrs, CT  
+1 (860)2083019 | email: ruirui.dang@uconn.edu

## EDUCATION

---

- Ph.D. Agricultural and Resource Economics, University of Connecticut, U.S. Aug 2021-Present  
MAIN ADVISOR: Dr. Charles Towe  
PRIMARY FIELD: Environment and Energy Economics
- M.S. Applied and Resource Economics, University of Connecticut, U.S. 2023
- M.S. Experimental Economics, Shaanxi Normal University, China, 2020  
PRIMARY FIELD: Development Economics
- B.A. Business Administration, Hunan Normal University, China, 2017

## PAPERS

---

### Publications

1. Wang, Lei, Ruirui Dang, Yu Bai, Siqi Zhang, Buyao Liu, Lijuan Zheng, Ning Yang, and Chuyu Song. "Teacher qualifications and development outcomes of preschool children in rural China." *Early Childhood Research Quarterly* 53 (2020): 355-369.
2. Bai, Yu, Siqi Zhang, Lei Wang, Ruirui Dang, Cody Abbey, and Scott Rozelle. "Past successes and future challenges in rural China's human capital." *Journal of Contemporary China* 28, no. 120 (2019): 883-898.
3. Zhang, Siqi, Ruirui Dang, Ning Yang, Yu Bai, Lei Wang, Cody Abbey, and Scott Rozelle. "Effect of caregiver's mental health on early childhood development across different rural communities in China." *International Journal of Environmental Research and Public Health* 15, no. 11 (2018): 2341.
4. Bai, Yu, Buyao Liu, Lei Wang, Mengjie Li, Siqi Zhang, Ruirui Dang, Lijuan Zheng, Ning Yang, and Chuyu Song. "Parenting practices and cognitive development of preschool-aged children: Evidence from rural China." *Journal of Child and Family Studies* 30 (2021): 2980-2991.
5. Lemin Li, Ruirui Dang, Han Liu, Fang Chang. (2020). "The Impact of Parental Company on the Noncognitive Abilities of Adolescents: A Quasi - experiment Research with a View of Family Meals." *Population and Development. (in Chinese)*
6. Yu Bai, Ruirui Dang, Lijuan Zheng, Guoqiang Liu, Lei Wang. (2020). "Self-control and Educational Outcomes: A study on Primary and Secondary School Students in Rural China." *World Agriculture. (in Chinese)*
7. Siqi Zhang, Yaojiang Shi, Lei Wang, Ning Yang, Buyao Liu, Ruirui Dang, Yu Bai. (2020). "Urbanization and Human Capital: Early Childhood Development in Rural China." *Journal of East China Normal University (Educational Sciences). (in Chinese)*

### Working Paper

1. Charles Towe, Pengfei Liu, Ruirui Dang, Stephen Swallow (2024). Valuation of Water Quality Change in Environment and Economy Context: Ecosystem Services across Gradients of Degradation and Local Economic Interest.

2. Charles Towe, Martin Heintzelman, Ruirui Dang, Sachin Badole (2024). Renewable Energy and Willingness to Accept Community Change.
3. Charles Towe, Pengfei Liu, Ruirui Dang, Natalie Mayer (2024). Valuation of Agricultural Best Management Practices and Water Quality Improvement.
4. Charles Towe, Ruirui Dang (2024). The Impact of Tidal Marsh Resilience on House Values: Evidence from Disturbance Events in Northeast.
5. Ruirui Dang, Luis Seoane-Estruel, Mengjie Li (2023). Residential photovoltaic demand and the impact of low-and moderate-income (LMI) policy in Connecticut: A case study.
6. Nan Wang, Junhao Wu, Siyan Liu, Ruirui Dang\*, Wenbin Min, Yangyuan Li, Yunjie Liu (2024). Effect of Non-Cognitive Abilities on Pro-Social Behavior in Adolescents: An Empirical Study Using CEPS Data [Under review]

## EXPERIENCES AT UCONN

---

### Research Assistant

Aug 2021 — Present

- EPA STAR: Valuation of Water Quality Change in Environment and Economy Context: Ecosystem Services across Gradients of Degradation and Local Economic Interest
  - Noteworthy: Compiling the Final Report
- USDA / NIFA / AFRI: Valuing Rural Stewardship of Riverine Ecosystems: Transfer- Ready Water Quality and Land Cover Co-Benefits, Linked Rural and Urban Economies
  - Noteworthy: Survey design (DCE), data collection (Qualtrics), compiling the final report, drafting the paper
- USDA: Wind Energy Driving Rural Change: Economic Diversification, Land Value, Agriculture, and Natural Resource-based Tourism.
  - Noteworthy: Survey design, data collection, compiling the final report, drafting the paper

### Teaching Assistant

Aug 2021 — May 2022

- ARE 3434 – Environmental Policy, University of Connecticut, Fall 2021
- ARE 3221 – Managerial Economics and Business Strategies, University of Connecticut, Spring 2022
- ARE 4217 – Business Finance and Investment Management, University of Connecticut, Spring 2022

## CONFERENCE

---

### Presentation

*“Residential photovoltaic demand and the impact of low-and moderate-income (LMI) policy in Connecticut: A case study”*

2024 April 20<sup>th</sup> UCONN- Annual CAHNR Graduate Student Research Forum

*“Valuation of Water Quality Change in Environment and Economy Context”*

2023 April 1<sup>st</sup> UCONN- Annual CAHNR Graduate Student Research Forum

2023 June 12<sup>th</sup> Northeastern Agricultural and Applied Economics Association (NAREA)

2023 July 25<sup>th</sup> Agricultural & Applied Economics Association (AAEA)

## Poster

***“Spatial Dimensions of Water Quality and Agricultural Co-Benefits in Northeast and Eastern Watershed” -- ENV Section poster presentation award***

2024 July 29<sup>th</sup> Agricultural & Applied Economics Association (AAEA)

***“Comparing Perspectives: The Impact of Optimism and Pessimism on the Valuation of Water Quality Change in the Northeast U.S.”***

2024 July 29<sup>th</sup> Agricultural & Applied Economics Association (AAEA)

***“Exploring the Driving Factors Influencing Residential Photovoltaic Installations in Connecticut: A Case Study”***

2023 Oct. 4<sup>th</sup> UCONN-The Sustainable Clean Energy Summit

2023 Oct. 19<sup>th</sup> UCONN-Securing a Sustainable Environmental Future

## ADDITIONAL INFORMATION

---

### Grants, Fellowships, and Awards at UCONN

2024 UCONN Bishop Carder Scholarship  
2024 UCONN ARE Research Grant  
2024 UCONN Travel Grant  
2024 UCONN ARE Predoctoral Fellowship  
2023 UCONN Bishop Carder Scholarship  
2023 UCONN Eversource Energy Center Graduate Fellowship  
2023 UCONN ARE Research Grant  
2022 UCONN Bishop Carder Scholarship

### Personal Skills

- Programming: Stata, Ngene, ArcGis Pro, R
- Experiment: Discrete Choice Experiment, RCT, Standardized Patient Experiment
- Survey Design: Survey Solution Designer (World Bank), Qualtrics
- Child outcome measurement tools: Bayley Scales of Infant and Toddler Development (BSID-III), Wechsler Preschool and Primary Scale of Intelligence (WPPSI-IV)
- Language: English (proficient), Chinese (native)