

# BRANT WALKER

BRANTW@STANFORD.EDU

## BACKGROUND

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PRE-DOCTORAL RESEARCH FELLOW	July 2022 – Present
Stanford University, Advisor: Professor Frank Wolak Stanford Institute for Economic Policy Research Program on Energy and Sustainable Development	
FULBRIGHT RESEARCH FELLOW	Sep 2021 – June 2022
Universität Mannheim, Advisor: Professor Ulrich Wagner	
BS UNIVERSITY OF IOWA, ECONOMICS AND MATHEMATICS	May 2021
Highest distinction (top 2%) University Honors and Honors in the Major of Economics Minor in Philosophy Overall GPA: 4.00, Economics GPA: 4.00, Mathematics GPA: 4.00	
RESEARCH FELLOW	Jun 2020 - May 2021
Iowa Center for Research by Undergraduates (ICRU) University of Iowa Public Policy Center	
Primary Interests: Water Economics, Energy Economics, Environmental Economics	
Secondary Interests: Public Economics, Health Economics, Policy Analysis	
Programming Skills: R, STATA, LaTeX, QGIS, ArcGIS, Python, Fortran, AMPL	

## HONORS AND AWARDS

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FULBRIGHT RESEARCH GRANT, University of Mannheim	Sep 2021 - Jul 2022
PHI BETA KAPPA, University of Iowa Chapter	Jan 2020
EXCELLENCE IN RESEARCH, UI Office of the VP of Research	Dec 2020
GEORGE S. SCHAEFFER SCHOLARSHIP IN SCIENCE	Sep 2020 - May 2021
ICRU TRAVEL GRANT	2020
HONORS PROGRAM TRAVEL GRANT	2020

## NON-PEER REVIEWED PUBLICATIONS

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1. “Revisiting the Impact of Ignition Interlock Devices”, University of Iowa Public Policy Center, November 2020. [policy brief](#)

## WORKS IN PROGRESS/PROJECTS WORKED ON

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1. “Designing Nonlinear Price Schedules for Urban Water Utilities to Balance Revenue and Conservation Goals” (Zeyu Wang & Frank Wolak). [link](#)
2. “Determinants of the Willingness to Pay for Electricity in Developing Countries: Evidence from a Household Survey from India” (Zeyu Wang & Frank Wolak). [link](#)

Last Updated: January 7, 2023

3. “The Co-Pollution Impacts of Climate Policy: Evidence from the EU Emissions Trading Scheme” (Dana Kassem, Laure de Preux, & Ulrich J. Wagner).
4. “Carbon Trading and Mortality: EU ETS Impact on European Health”.
5. “The Impact of Ignition Interlock Laws on DUI Arrests” (with Jeff DeSimone). [thesis](#)
6. “Student Status and Local Labor Market Conditions” (with Jeff DeSimone).
7. “Schooling and Sustainability: What does Education tell us about Diversion Rates in Minnesota Counties” (with Jeff DeSimone).
8. “Social Cost of Accepting Handouts: Cost Benefit Analysis of the Hawkeye Meal Share Plan” (with Nicolas Grandstaff).

## RELEVANT COURSEWORK

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**Mathematics:** Optimization Techniques (A+, Iowa, graduate level), Foundations of Analysis (A+, Iowa, graduate level), Elementary Numerical Analysis (A, Iowa), Fundamental Properties of Spaces & Functions (A, Iowa, i.e. Real Analysis I), Calculus I,II,III (A+, A-, B, Iowa), Introduction to Linear Algebra (A, Iowa)

**Economics/Statistics:** Econometric Analysis (A+, Iowa, graduate level), Game Theory (A, Iowa, graduate level), Labor Economics (A+, Iowa, graduate level), The Engineering Economics of Electricity Markets (A, Stanford), Energy Markets and Policy (current, Stanford), Environmental & Natural Resource Economics (A+, Iowa), Intermediate Micro/Macroeconomics (A, A, Iowa), Probability and Statistics (A+, Iowa), Applied Linear Regression (A+, Iowa), Statistics for Strategy Problems (A-, Iowa).

**Programming:** Foundations of GIS (A+, Iowa), Statistical Methods and Computing (A+, Iowa), Computer Science I: Fundamentals (A, Iowa), Geospatial Programming (audit, Iowa),

## PRESENTATIONS

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2020: WEAI Conference, University of Iowa, MEA Conference (cancelled)

2021: MEA Conference, University of Iowa

2022 : Universität Mannheim

## REFERENCES

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Dr. Frank Wolak, Professor  
Director, Program on Energy and Sustainable  
Development  
Department of Economics  
Stanford University  
wolak@zia.stanford.edu

Dr. Ulrich Wagner, Professor  
Chair in Quantitative Economics  
Department of Economics  
Universität Mannheim  
wagner@vwl.uni-mannheim.de

Dr. Jeff DeSimone, Professor of Practice  
Director, Duke Economic Analytics Lab of  
Economics  
Department of Economics  
Duke University  
jeffrey.desimone@duke.edu

## PERSONAL

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Non-academic interests: Chess, Ice Hockey, Long-distance running, Cycling, Soccer (football), Hiking, Reading fiction

Languages: English (native), German (intermediate)

Hometown: Newhall, Iowa