TAYLOR J. WEIDMAN

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EDUCATION

Ph.D. Candidate in Economics, University of Pittsburgh   *(Expected)* 2023
    Thesis Committee. Richard Van Weelden (chair), Alistair Wilson, Osea Giuntella, Randy Walsh, John Miller
    Thesis Title. Herding to the Polls: Asymetric & Non-Atomistic Impacts of Homophily Turnout

M.S. Economics, Iowa State University   2016
    Thesis Committee. Elizabeth Hoffman (chair), David Frankel, Ulrike Genschel
    Thesis Title. Repeated Anonymous Behavior: Lab and MTurk Trust and Trustworthiness

B.A. Economics, Environmental Sustainability, Eastern Mennonite University   2013
    Advisors. Chris Gingrich, Jim Yoder, Gloria Rhodes

ACADEMIC POSITIONS

Visiting Instructor, University of Richmond   2022 - 2023

FIELDS OF INTEREST

Political Economy, Public Economics, Behavioral Economics, Experimental Economics, Urban Economics

WORKING PAPERS

Herding to the Polls: Asymetric & Non-Atomistic Impacts of Homophily Turnout
    tl;dr. Voters increase their turnout when a new same-party voter moves in next door.

The Dual Sort: Partisan neighborhoods and turnout clusters
    tl;dr. Voter turnout rates are higher in politically aligned neighborhoods, responsive to changing neighborhoods.

Testing Models of Strategic Uncertainty: Equilibrium Selection in Repeated Games (with Emanuel Vespa and Alistair Wilson). R&R at **Journal of the European Economic Association** (April 2021)
    tl;dr. An index using the notion of risk dominance organizes cooperation across social dilemmas in the lab.

Well Excuse Me! Replicating and Connecting Excuse-Seeking Behaviors (with B. Ahumada, Y. Chen, N. Gupta, K. Hyde, M. Lepper, W. Mathews, N. Silveus, L. Vesterlund, A. Wilson, K. P. Winichakul, and L. Zhou).
    tl;dr. Three excuse-seeking behaviors replicate but show no relationship across domains.

Backfitting and Adaptive Lasso: an Algorithm Combining Gauss Sediel and Gauss Jacob (with Ning Zhang)
    tl;dr. An algorithm that improves estimates of sparse additive models using adaptive lasso and kernel estimators.

Urban Spatial Sorting During the Era of Mass Migration
  tl;dr. Immigrant segregation in the early 1900's was driven by white out-sorting and immigrant in-sorting.

RESEARCH POSITIONS

Research Assistant, Felipe Augusto De Araujo	Spring 2021
Developing software to run remote and in-lab behavioral experiments	
Research Assistant, Alistair Wilson	Summer 2020
Developing software to run remote behavioral experiments	
Research Assistant, David Huffman & David Danz	Spring 2018
Developing software and running experiments on risky behavior	
Research Assistant, Elizabeth Hoffman, ISU Department of Economics	2015 - 2016
Experimentally testing individual's behavior under risk with language effects	
Research Assistant, Chad Hart, ISU Department of Economics	2014 - 2015
Developing weekly grain basis indicators for the USDA	

TEACHING POSITIONS

Summer Teaching Mentor, University of Pittsburgh	Summer 2022
Instructor, Honors Introduction to Microeconomics *(hybrid)*	Fall 2021
Average Teaching Effectiveness: 4.6 / 5	
Instructor, Intermediate Microeconomics *(hybrid)*	Summer 2021
Average Teaching Effectiveness: 4.6 / 5	
Instructor, Introduction to Microeconomics *(remote)*	Summer 2020
Average Teaching Effectiveness: 4.6 / 5	
Teaching Fellow, Introduction to Microeconomics	
Average Teaching Effectiveness	
4.6 / 5 with Neal Becker (remote)	Spring 2021
4.0 / 5 with Carey Treado (remote)	Fall 2020
4.5 / 5 with Kevin Shaver (partially remote)	Spring 2020
4.6 / 5 with Neal Becker	Fall 2019
4.5 / 5 with Neal Becker	Spring 2019
4.4 / 5 with Margarita Zabelina	Fall 2018
Teaching Assistant, Introduction to Microeconomics	
Average Teaching Effectiveness	
4.4 / 5 with with Margarita Zabelina	Spring 2018
3.8 / 5 with with Margarita Zabelina	Fall 2017

TECHNICAL SKILLS

Python	*everything from data processing to machine learning to automation*	2012 - Current
Esri ArcGIS	*inspecting spatial data and one-off operations*	2013 - Current
Linux	*filesystems and commands*	2012 - Current
R	*econometrics and visualizations*	2014 - Current
Stata	*econometrics*	2014 - Current
Pandas	*panel data operations in python*	2015 - Current
oTree	*deploy experiments in laboratory and virtual settings*	2016 - Current
Heroku	*deploy web applications*	2016 - Current
GitHub	*replication files and public code repository*	2016 - Current
JupyterLab	*python IDE, markdown editor, and LATEX compiler*	2017 - Current
GeoPandas	*fast and flexible geographic panel data in python*	2017 - Current
Javascript	*web application development*	2018 - Current

CSS, HTML	*front-end web development*	2018 - Current
PostgreSQL	*database management*	2020 - Current
Manim	*mathematical animation engine for explainer videos in python*	2020 - Current
DaVinci Resolve	*editor for explainer and teaching videos*	2020 - Current
Google Earth Pro	*visualizing and animating geographic data*	2022 - Current
Julia	*mathematical and statistical modeling*	2022 - Current
GitHub Copilot	*LLM code writing software*	2023 - Current

FELLOWSHIPS, HONORS, AND AWARDS

Arts & Sciences Graduate Fellowship	Spring 2022
Department of Economics Summer Fellowship	Summer 2018
Arts & Sciences GSO Econ Representative	2017 - 2018
Arts and Sciences Graduate Fellowship	2016 - 2017
Student Government Association, Senator	Spring 2012
Rodney Longacer Business Scholarship	Fall 2011
Brubaker Business Scholarship	Spring 2011
Presidential Scholarship	2009 - 2013

PROFESSIONAL ACTIVITIES

Membership: American Economic Association, European Economic Association, Economic Science Association

Mentorship: 2nd Year Ph.D. Student Mentor, 2018 - 2020

Students Recommended: Emma Stachelek *(Spring 2021)*, Shivam Patolia *(Spring 2021)*, Tianren Wang *(Fall 2021)*, Tatiana Sinelnikova *(Spring 2022)*, Drew Ardise *(Spring 2023)*, Isobel Cunningham *(Spring 2023)*, James Krzywda *(Spring 2023)*, Nathan Amaro *(Spring 2023)*, William Weidner *(Spring 2023)*, Boxuan Li *(Spring 2023)*

REFERENCES

Prof. Richard Van Weelden
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Prof. Randy Walsh
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Prof. John Miller
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Prof. Elizabeth Hoffman
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Prof. Leigh Tesfatsion
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Prof. Wallace Huffman
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SELECTED STUDENT EVALUATIONS

Fall 2021 - *Was very clear what was on exams with his several explanation videos for the exams, homework, etc. Made the testing environment relaxed which caused me, personally, to focus and thoroughly enjoy the material. There was no rush when getting through the material. The classroom's atmosphere was not competitive in nature but rather collaborative because of all of the support and resources Taylor gave us. Taylor Weidman demonstrated what education should really be about.*

Fall 2021 - *How the class was structured, as well as how forgiving the grading system was. It set the students up to focus on learning the content, and not just to get to a certain grade.*

Fall 2021 - *I appreciated the set–up of the class– his modules were neat and purposeful. I was never confused about resources he attached. I always felt prepared for the exams and that he never wanted us to stress. I felt that he genuinely cared about the class material, but us as humans as well.*

Fall 2021 - *I loved the setup of the course. Each week would start off with watching tutorials, followed by notes, homework, and a miniexam. I really appreciated the lack of surprises, so I always knew what to expect for the workload going into the week. I also loved the demos that were paired with the homeworks and miniexams.*

Fall 2021 - *Taylor is a fantastic instructor. He kindly provides custom made tutorial videos and demos which make learning problem sets a breeze. I really enjoyed this class.*

Fall 2020 - *I liked Taylor's method of instruction. He significantly lightened the mood of a potentially dry subject.*

Fall 2020 - *He always seemed happy to be there– he made the most connections between his students in a virtual platform, he seemed to genuinely care.*

Summer 2020 - *The lectures were less like lectures and more like informational videos, they were condensed from traditional lectures and included helpful animations which aided the explanation of certain concepts.*

Spring 2020 - *Taylor was super funny and the recitations always had a super casual atmosphere. It's easier to pay attention and remember stuff when you're having fun doing it.*

Spring 2020 - *This is probably the most helpful recitation I've ever had in college. I really like the chill environment Taylor created with his sense of humor, but we're also productive at the same time. Taylor was really helpful with explaining the concepts as well. I also enjoyed Taylor's review session before the exam! It was really helpful and totally worth it!*

Spring 2020 - *He was very active in recitation and you could tell that he cared about what he was teaching.*

Fall 2019 - *Taylor Weidman was the best part. Excellent teacher and loves economics.*

Fall 2019 - *He is a great teacher and really good at explaining things slowly.*

Summer 2019 - *Has a great sense of humor and is very good at explaining difficult concepts.*

Spring 2019 - *bring snacks maybe?*

Fall 2018 - *Taylor was the best TA I have ever had for any class. Always prepared, Always enthusiastic (even if we weren't sometimes), always ready to answer any question. He is single–handedly, one of the greatest people I have ever met. Taylor, if you are reading this, I am convinced my life is better for having met you, I am not joking. Thank you so much for a great semester.*

Spring 2018 - *He learned everybody's names and cracked funny dad jokes constantly. I have noticed that usually students tend to be very disrespectful towards TAs. However, because the TA was so respectful and cared sincerely about his teaching, all the students in the class respected him as well.*

Spring 2018 - *I would not be doing as well in ECON 0100 if it was not for this recitation instructor.*

Spring 2018 - *I can't really comment because I did not really attend the recitation. However, Taylor Weidman definitely seems to be prepared and active. I get a lot of emails from him and sometimes study guides too. He does really seem helpful.*