

Julian Wade Oolman

PhD Student
University of Illinois at Urbana-Champaign

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EDUCATION

Ph.D. in Economics Exp. 2023
University of Illinois at Urbana-Champaign
FIELDS: Labor Economics, Applied Econometrics

B.S. in Economics Class of 2017
University of Wyoming
MINORS: Statistics & Mathematics **Best Economics Junior Award**

Certificates

Data Science in Python - Data Camp

Technological Experience (years)

R (6), Python (2), SQL (1), MATLAB (2), Stata (1), L^AT_EX(4)

RESEARCH EXPERIENCE

University of Illinois at Urbana-Champaign

Dr. Alex Bartik & Dr. Eliza Forsythe 11/2020 - Current

- Analyzed Burning Glass job posting data on AWS
- Identified occupational skill-clusters with unsupervised learning

Dr. Geoffrey Hewings - Regional Economics Applications Laboratory 6/2018 - 5/2020

- Lead author of R package `ioanalysis` cran.r-project.org/web/packages/ioanalysis/
- Advised EPA on analyzing BEA national input-output tables

University of Wyoming

Dr. Alexandre Skiba 1/2017 - 5/2017

- Cleaned and analyzed Chilean transaction-level administrative export data
- Presented results at UWYO's Undergraduate Research Day 2017

Dr. Benjamin Gilbert 5/2016 - 11/2016

- Implemented logistic propensity score matching, elastic-net, and difference-in-differences
- Wrangled, cleaned, and processed over 120 GB of data

TEACHING EXPERIENCE

University of Illinois at Urbana-Champaign

Instructor: Applied Machine Learning in Economics 8/2020 - Current

- Designed course materials, assignments, and workshops from scratch
- Delegated responsibilities among teaching assistants

Teaching Assistant: Macroeconomic Principles

2/2019 - 5/2019

- Designed active learning material for weekly Macroeconomics Principles review sessions
- Improved classroom performance via student-lead group problem-solving

University of Wyoming

Supplemental Instruction Leader: Macroeconomic Principles

8/2015 - 12/2016

- Taught biweekly review sessions for Principles of Macroeconomic courses
- Created and adapted review content for four asynchronous course sections

RESEARCH ACTIVITY

(Previous name: John Julian Patrick Wade)

Wade, John J.P. (2016). "The Effect of Health Insurance Expansion on Mortgage Performance"
(Resting)

Gilbert, Ben and **Wade, John J.P.** "Health Care and the Housing Crisis," *Social Science Research Network*. (November 4, 2016) available at ssrn.com.

AWARDS AND HONORS

- University of Wyoming Dept. of Economics and Finance **Best Economics Junior Award**
- University of Wyoming President's Honor Roll Award
- University of Wyoming College of Business Dean's Honor Roll Award
- University of Wyoming College of Arts and Sciences' Honor Student Award
- John C. & Esther L. Clay Scholarship
- James D. & Rhea W. Anderson Scholarship