
Daniel H Jaqua, PhD

2115 G St NW, Washington, DC 20052

danjaqua@gmail.com

(503) 701 6368

Employment

- 2020-present **George Washington University, Washington, DC**
Assistant Professor
- 2015 – 2020 **Albion College, Albion, MI**
Assistant Professor
- 2019 – 2020 **Keystone Strategy, Remote**
Consultant
Market analysis, data analysis of paid and organic traffic for large tech company;
Transfer pricing litigation support, data analysis for large tech company
- 2007-2008 **Boston Consulting Group, London, UK**
Junior Consultant
Valuation of Private Equity acquisition targets; Led team to create new dataset to
quantify industry specific risks; Evaluated marketing function for board of directors
at large bank
- 2006 **Bain & Co, Dallas, TX**
Associate Consulting Intern
Analyzed strategic and financial impact of divesting a large division of oil and gas
company

Education

- 2015 **University of Michigan, Ann Arbor, MI**
PhD Economics
- 2007 **Rice University, Houston, TX**
BA Economics
BS Mechanical Engineering

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Technical Skills

Statistics and Data Science

STATA: Econometric studies of crime, social security, agricultural prices, consumer financial data

Python: Keras DNN predicting agricultural prices, causal inference with event study of internet traffic

MATLAB: coding implementations of gradient descent algorithms for Neural Network

Operating Systems, Programming, Data Visualization and Communication

LaTeX, Windows, Linux, Python, SQL, Microsoft Office: Excel, Power Point, Word

Research Interests

Public Finance, Applied Microeconomics, Taxation, Nonlinear Pricing, Multidimensional Screening

Working Papers

“The Case for Subsidizing Harm: Second-best Pigouvian Taxation with Multiple Externalities” (with Daniel Schaffa) A previous draft was circulated under the title: “Pigouvian Taxation with Multiple Externalities and Costly Administration” (under review International Tax and Public Finance)

“Labor Economics for Physicians” (with Breanne Jaqua and Zach Jarou)

“Occupational Licensing with Market Concentration: The Market for Emergency Medicine Physicians”

“Using Substitution and Income Effects to Define Deterrence and Incapacitation” (with Daniel Schaffa)

“How to Select the Correct Discount Rates for Public Policy”

“Apples to Apples; Data on Variety Competition and New Product Entry in the US Apple Market” (with John Butler)

“The Principal Agent Problem in Corporate Tax Preparation”

“How to Catch Capone: The Optimal Punishment of Interrelated Crimes” (with Daniel Schaffa)

“Should the Audit Rule be Public?”

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Invited Presentations and Conferences

Using Substitution and Income Effects to Define Deterrence and Incapacitation
Meeting of the Canadian Law and Economics Association, 2019

Voting on Taxation and the Down's Paradox University of Richmond, 2018

Discussant, Conference on Empirical Legal Studies University of Michigan, 2018

Voting on Taxation and the Down's Paradox University of Richmond, 2017

Pigouvian Taxation with Multiple Externalities and Costly Administration National Tax Association's Annual Conference on Taxation, 2017

Pigouvian Taxation with Multiple Externalities and Costly Administration
International Institute of Public Finance Conference on Taxation, 2016

Pigouvian Taxation with Multiple Externalities and Costly Administration National Tax Association's Annual Conference on Taxation, 2016

How to Catch Capone: The Optimal Punishment of Interrelated Crimes University of Michigan, 2015

Teaching

**George
Washington
University**
Spring 2021

Proseminar in Economics 4198W

Fall 2020

Intermediate Microeconomics, 2101

Albion College

Fall 2019

Intermediate Microeconomics, 201
Econometrics, 300
Financial Modeling with Excel, 248

Spring 2019

Intermediate Microeconomics, 201
Financial Modeling with Excel, 248
Directed Study: Data Science

Fall 2018

Intermediate Microeconomics, 201
Financial Modeling with Excel, 248
Directed Study: Data Science

Spring 2018

Intermediate Microeconomics, 230
Financial Modeling with Excel, 248
Intermediate Economics with Calculus, 231

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Fall 2017	Principals of Microeconomics, 101 Econometrics, 379
Spring 2017	Principals of Microeconomics, 101 Intermediate Microeconomics, 230 Directed Study: Econometrics
Fall 2016	Principals of Microeconomics, 101 Intermediate Microeconomics, 230 Directed Study: Advanced Game Theory
Spring 2016	Principals of Microeconomics, 101 Intermediate Microeconomics, 230 Directed Study: Entrepreneurship
Fall 2015	Principals of Microeconomics, 101 Intermediate Microeconomics, 230

University of Michigan

Winter 2015	International Economics, 340 GSI
Fall 2014	Writing about Economics, English 125 Instructor of record
Fall 2013	Advanced Game Theory, 617 GSI Departmental teaching award
Winter 2013	Intermediate Microeconomic Theory, 401 Head GSI
Fall 2012	Intermediate Microeconomic Theory, 401 Head GSI
Winter 2012	Intermediate Microeconomic Theory, 401 Head GSI
Fall 2011	Intermediate Microeconomic Theory, 401 GSI
Winter 2011	Intermediate Microeconomic Theory, 401 GSI
Fall 2011	European Economy, 453 GSI

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Advising and Mentoring

Small Liberal Arts College Budgeting, Resource Allocation, and Student Perceptions, Honors Thesis, Alec Palmer, 2019-2020

Untitled – Real Estate, Honors Thesis, Chase Palmer, 2019-2020

Green Nudges: Applying Behavioral Economics to Promote Pro-Environmental Behaviors, Honors Thesis, Philip Manning, 2018-2019

Context-Sensitivity and the Liar Paradox, Honors Thesis, Samuel Raseman, 2018-2019

Social Security and Retirement Behavior, Honors Thesis, Laura Newbury, 2017-2018

Ramsey Theory: Graph Theory Edition, Honors Thesis, Henry Carnick, 2017-2018

Faculty Advisor to the Investment Club 2017

Advisor, Foundation for Undergraduate Research, Scholarship, and Creative Activity, 2016

Faculty Advisor to the Student Senate, 2016-2018

Other Service

George Washington University Department of Economics BA and BS committee

Albion College Representative, GLCA Academic Council 2017-2019

Secretary, Albion Budgets Salaries and Benefits Committee 2017-2019

Member, Albion strategic plan working group 2018-2019

Member, Albion reaccreditation working group on financial resources 2018-2019

Interests

Soccer, Fly Fishing, Backpacking