

# J.J. NADDEO | Curriculum Vitae

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## EDUCATION

### GEORGETOWN UNIVERSITY

PhD in Economics

Dissertation title: Essays in Political Economics and Crime

May 2022

Washington, D.C.

### RUTGERS UNIVERSITY- CAMDEN

Bachelor of Arts in Economics and Math

GPA: 4.0, summa cum laude

May 2016

Camden, NJ

### RUTGERS UNIVERSITY- CAMDEN

Bachelor of Science in Physics

GPA: 4.0, summa cum laude

May 2015

Camden, NJ

## EXPERIENCE (RESEARCH & INDUSTRY)

### ECONOMIST AT CENTER FOR ECONOMIC STUDIES

US Census

June 2023 -

Suitland, MD

### POSTDOCTORAL FRITZ FAMILY FELLOW

Georgetown University

May 2022 - May 2023

Washington, D.C.

### RESEARCH PARTNER

[Justice Innovation Lab](#)

Oct 2021 -

Washington, D.C.

### ECONOMIST/DATA ANALYST

[Free Our Vote](#)

May 2022 -

Washington, D.C.

### DOCTORAL FRITZ FAMILY FELLOW

Massive Data Institute <> Institute for Tech Law & Policy @ Georgetown Univ.

Oct 2021 - May 2022

Washington, D.C.

### CONSULTANT

[Equal Rights Center](#)

Jan 2022-Apr 2022

Washington, D.C.

### CONSULTANT

World Bank

Jan 2020

Washington, D.C.

### RESEARCH ASSISTANT

Georgetown University

Sept 2018-May 2022

Washington, D.C.

Provided research assistance for Laurent Bouton, Arik Levinson, and Ben Solow on multiple projects.

### RESEARCH ASSISTANT/RESEARCHER

Rutgers University-Camden

Sept 2013-Sept 2016

Camden, NJ

## GRANT-FUNDED RESEARCH

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### A TALE OF THREE STATES: BOND COURT DECISIONS AND OUTCOMES IN ILLINOIS, WISCONSIN, AND COLORADO

Funded by Arnold Ventures: \$299,000

Joint with Don Stemen and Branden DuPont

## WORKING PAPERS (CURRENT VERSIONS [HERE](#))

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### HOW DO STUDENTS VALUE AN ELITE EDUCATION? EVIDENCE FROM NYC SPECIALIZED HIGH SCHOOLS

co-authored with Lawrence Costa and Michael Seiler

Revise & resubmit at Real Estate Economics

### DE-PROSECUTION AND DEATH: A COMMENT ON THE FATAL FLAWS IN HOGAN (2022)

co-authored with Jacob Kaplan and Tom Scott

Conditionally Accepted at Economic Inquiry

### THE FIRST AND THE WORST: EVIDENCE OF PEER EFFECTS IN A LARGE U.S. JAIL

co-authored with Angelo Diaz Reyes and Neel Sukhatme

### REDUCING PRETEXTUAL STOPS: EVIDENCE FROM A POLICY REFORM IN ST. PAUL MINNESOTA

co-authored with Rory Pulvino

### IT'S ALWAYS SUNNY IN POLITICS

co-authored with [Carolina Concha-Arriagada](#)

### USING RAIN FOR ELECTORAL GAIN: EVIDENCE FROM FEMA'S PUBLIC ASSISTANCE PROGRAM

## WORKS IN PROGRESS

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### HIDING IN PLAIN SIGHT: DEFAULT BIASES IN APPLICATIONS OF GENERATIVE AI

joint with Rory Pulvino and [Dan Sutton](#)

### IMPACT OF PROSECUTORIAL SCREENING ON EARLY DISMISSALS

joint with JIL staff, large scale RCT

### RANKING CRIME TYPES USING COMBINATORIAL HODGE THEORY AND SURVEY DATA

joint work with [Kevin Himberger](#)

### UNIONIZATION, LABOR MARKET POWER, AND WAGE INEQUALITY

joint work with [Laurent Bouton](#), [Ben Solow](#), and [Lee Tucker](#)

## TEACHING EXPERIENCE (MORE DETAILS [HERE](#))

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### RUTGERS UNIVERSITY - CAMDEN

Spring 2025-  
Camden, NJ

Principles of Microeconomics (in-person) and Principles of Macroeconomics (in-person)

### MASSIVE DATA INSTITUTE

Nov 2022  
Washington, D.C.

Multi-day Workshops:

Spring 2022: Modeling Propensity to Use or Sell Drugs at the Block Group Level

Spring 2023: Causal Inference

**GEORGE WASHINGTON UNIVERSITY LAW SCHOOL**Nov 2021  
Washington, D.C.

Guest lectures on "Data-Driven Criminal Justice Reform".

**GEORGETOWN UNIVERSITY**

Instructor of Record, Department of Economics

Jun 2016-Dec 2020  
Washington, D.C.

- [CORE](#) Teagle fellow
- Developed novel course using [CORE](#) curriculum for Introduction to Macroeconomics (Summer 2018/2019)
- Used coding (R and MATLAB) to help understand the concepts of dynamic programming and econometrics for PhD Math camp (co-taught with [Peter Caradonna](#))

**GEORGETOWN UNIVERSITY**

Teaching Assistant, Department of Economics

Sept 2017-Dec 2020  
Washington, D.C.

Assisted in administering Introduction to Macroeconomics (Fall 2017) and Microeconomics (Spring 2018/Fall 2018/Spring 2019)

**RUTGERS UNIVERSITY- CAMDEN**

Instructor of Record, Department of Physics

Developed course material and taught the following courses:

Sept 2015-May 2016  
Camden, NJ

- Lasers and Laser Physics (50:750:305)
- Modern Physics (50:750:232)
- General Physics I and II
- Introduction to the Earth (50:460:101) (online)

## PUBLICATIONS

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Billy, A., Naddeo, J. J., and Sukhatme, N. U. (2024). Felony Disenfranchisement and Voter Turnout: Randomized Trials in Iowa and Washington. *Northwestern University Law Review*, 119(1)

Braman, D., Fishman, J., Grier, L., Himberger, K., Idowu, J., Naddeo, J. J., Pulvino, R., Sorensen, J., and Weaver, J. (2024). Prosecutors in the Passing Lane : Racial Disparities , Public Safety , and Prosecutorial Declinations of Pretextual Stops. *San Diego Law Review*, 61(1):87–136

Duffy, S., Naddeo, J. J., Owens, D., and Smith, J. (2024). Cognitive Load and Mixed Strategies: On Brains and Minimax. *International Game Theory Review*, 26(03):2450004

Kaplan, J., Naddeo, J. J., and Scott, T. (2023). De-prosecution and death: A comment on the fatal flaws in Hogan (2022a). *Aletheia*

Moroz, H. E., Naddeo, J., Ariyapruchya, K., Jain, H., Glinskaya, E. E., Lamanna, F., Laowong, P., Nair, A., Palacios, R. J., Tansanguanwong, P., Viriyataveekul, S., Walker, T., and Yang, J. (2021). Aging and the Labor Market in Thailand : Labor Markets and Social Policy in a Rapidly Transforming and Aging Thailand. Technical report, World Bank Group, Washington, DC

Tomko, J. A., Jimenez, R., Naddeo, J., Bubbs, D. M., and O'Malley, S. M. (2018). Effects of laser polarization and linear surface features on nanoparticle synthesis during laser ablation in liquids. *Laser Physics*, 28(3)

- Tomko, J., O'Malley, S. M., Trout, C., Naddeo, J. J., Jimenez, R., Griepenburg, J. C., Soliman, W., and Bubb, D. M. (2017). Cavitation bubble dynamics and nanoparticle size distributions in laser ablation in liquids. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 522:368–372
- Ratti, M., Naddeo, J. J., Tan, Y., Griepenburg, J. C., Tomko, J., Trout, C., O'Malley, S. M., Bubb, D. M., and Klein, E. A. (2016). Irradiation with visible light enhances the antibacterial toxicity of silver nanoparticles produced by laser ablation. *Applied Physics A: Materials Science and Processing*, 122(4)
- Naddeo, J. J., Ratti, M., O'Malley, S. M., Griepenburg, J. C., Bubb, D. M., and Klein, E. A. (2015). Antibacterial Properties of Nanoparticles: A Comparative Review of Chemically Synthesized and Laser-Generated Particles. *Advanced Science, Engineering and Medicine*, 7(12):1044–1057
- Yamada, T., Chen, C. C., Naddeo, J. J., and Harris, J. R. (2015). Changing Healthcare Policies: Implications for Income, Education, and Health Disparity. *Frontiers in Public Health*, 3(August):3–6
- Amin, M., Tomko, J., Naddeo, J. J., Jimenez, R., Bubb, D. M., Steiner, M., Fitz-Gerald, J., and O'Malley, S. M. (2015). Laser-assisted synthesis of ultra-small anatase TiO<sub>2</sub> nanoparticles. *Applied Surface Science*, 348:30–37
- Tomko, J., Naddeo, J. J., Jimenez, R., Tan, Y., Steiner, M., Fitz-Gerald, J. M., Bubb, D. M., and O'Malley, S. M. (2015). Size and polydispersity trends found in gold nanoparticles synthesized by laser ablation in liquids. *Physical Chemistry Chemical Physics*, 17(25):16327–16333
- Naddeo, J. J. and Bubb, D. M. (2015). Encyclopedia of Nanotechnology. In *Encyclopedia of Nanotechnology*, pages 1–6
- O'Malley, S. M., Zinderman, B., Schoeffling, J., Jimenez, R., Naddeo, J. J., and Bubb, D. M. (2014). Nanosecond laser-induced shock propagation in and above organic liquid and solid targets. *Chemical Physics Letters*, 615:30–34

## PRESENTATIONS

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### BEHAVIORAL AND EXPERIMENTAL ECONOMISTS OF THE MID-ATLANTIC

Sept 2024  
Lewes, DE

Peer Effects in Jail

### VIRTUAL CRIME ECONOMICS SEMINAR

March 2024  
Virtual

The Effects of Reducing Pretextual Stops: Evidence from Saint Paul Minnesota

### SOUTHERN ECONOMIC ASSOCIATION ANNUAL MEETING

Nov 2022  
Fort Lauderdale, FL

Prosecutorial Discretion and Race in a Southern U.S. Jurisdiction

### BEHAVIORAL AND EXPERIMENTAL ECONOMISTS OF THE MID-ATLANTIC

Nov 2022  
Camden, NJ

It's Always Sunny in Politics

### GEORGETOWN LAW & ECONOMICS WORKSHOP

Nov 2022  
Washington, D.C.

Prosecutorial Discretion and Race in a Southern U.S. Jurisdiction

## AMERICAN POLITICAL SCIENCE ASSOCIATION ANNUAL MEETING

\*Declined due to paternity leave

It's Always Sunny in Politics

Sept 2022

Montreal, Québec, Canada

## SOUTHERN ECONOMIC ASSOCIATION ANNUAL MEETING

Using Rain for Electoral Gain: Evidence from FEMA's Public Assistance Program

Nov 2021

Houston, TX

## MIDWEST ECONOMIC ASSOCIATION ANNUAL MEETING [CANCELLED-COVID-19]

Using Rain for Electoral Gain: Evidence from FEMA's Public Assistance Program

Mar 2020

Chicago, IL

## BEHAVIORAL AND EXPERIMENTAL ECONOMISTS OF THE MID-ATLANTIC

Political Determinants of Public Spending at the State Level: Evidence from FEMA's Public Assistance Program

Oct 2019

Philadelphia, PA

## CONFERENCE ON LASER ABLATION

Influence of Cavitation Bubble Dynamics and Laser Fluence on Particle Size in Pulsed Laser Ablation in Liquids

Aug 2015

Cairns, Australia

## CONFERENCE ON LASER ABLATION [POSTER]

Light Induced Toxicity of Silver Nanoparticles Produced by Laser Ablation

Aug 2015

Cairns, Australia

## NJ SPACE GRANT CONSORTIUM SUMMER RESEARCH CONFERENCE

Light Induced Toxicity of Silver Nanoparticles Produced by Laser Ablation

Aug 2015

New Brunswick, NJ

## GLOBAL HEALTH RESEARCH SYMPOSIUM [POSTER]

Light Induced Toxicity of Silver Nanoparticles Produced by Laser Ablation

Jun 2015

New Brunswick, NJ

## SOCIETY OF PHYSICS STUDENTS ZONE 3 MEETING [POSTER]

Light Induced Toxicity of Silver Nanoparticles Produced by Laser Ablation

Apr 2015

Newark, DE

## MICROBIOLOGY SYMPOSIUM [POSTER]

Light Induced Toxicity of Silver Nanoparticles Produced by Laser Ablation

Jan 2015

New Brunswick, NJ

## CELEBRATION OF UNDERGRADUATE RESEARCH & CREATIVE ACTIVITY [POSTER]

A Study on the Formation of Bimetallic Nanoparticles Using Pulsed Laser Ablation in Liquids

May 2014

New Brunswick, NJ

## CELEBRATION OF UNDERGRADUATE RESEARCH & CREATIVE ACTIVITY [POSTER]

Antimicrobial Effects of Metal Nanoparticles

May 2014

New Brunswick, NJ