

Dan Rudy

I'm a first-year Ph.D. student in Public Affairs and Policy at the University of Georgia with a passion for tackling hard problems for the public good. My primary research interests are in public finance and issues of administrative capacity in local governments. I am always open to collaboration and new opportunities. Additional details on specific projects and my recent work can be found on my website:

<http://danrrudy.github.io>

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Education

Ph.D. in Public Administration and Policy

University of Georgia

School of Public and International Affairs

Athens, GA

Expected Spring 2028

Master of Public Administration - Policy Research & Analysis

University of Pittsburgh

Graduate School of Public and International Affairs (GSPIA)

Pittsburgh, PA

April 2024

Masters thesis on capital management in Pennsylvania municipal governments: "Cutbacks, Capacity, and Capital, a 50-year Analysis of Capital Spending Behavior in Pennsylvania Municipal Governments" [Available on ResearchGate](#)

BS in Mathematics

University of Pittsburgh

Dietrich School of Arts and Sciences

Pittsburgh, PA

April 2022

Minors: Computer Science, Chemistry, Hispanic Language and Culture

Completed over 200 credit hours in the span of 5 years. Sampled relevant courses from several departments to build an interdisciplinary background, including research projects in the Mathematics, Economics, and Chemistry departments.

BA in Economics

University of Pittsburgh

Dietrich School of Arts and Sciences

Pittsburgh, PA

April 2022

Technical Skills

Programming in C, Java, Python

GIS Analysis

Applied Machine Learning

Budget Planning

Project Management

Languages

English - Native

Spanish - Full Professional Proficiency

Italian - Elementary Proficiency

Work Experience

Operations Manager

Johnson Institute for Responsible Leadership,

Pittsburgh, PA

November 2022 - July 2024

Chief Financial Officer and Chief Operations Officer

National Association of College and University Residence Halls (NACURH), Inc.

Remote

June 2021 - July 2022

Was responsible for the overall financial wellbeing of the nonprofit, including oversight of the eight regional offices, Annual Conference, and corporate business office. Was awarded a gold pin at 2022 Annual Conference by the CEO and Chairperson for outstanding service as CFO & COO..

Associate Director for Administration and Finance

Central Atlantic Region

NACURH, Inc.

Remote

May 2020 - June 2021

Was responsible for the financial and logistical operations of the Central Atlantic Region. Represented the Central Atlantic Region on the Board of Directors in conjunction with the Regional Director.

Finance Chair

Central Atlantic Regional Leadership Conference

NACURH, Inc.

Pittsburgh, PA

November 2018 - January 2020

Publications

Justice Jargon: An Interdisciplinary Approach to Analyzing Police Collective Bargaining Agreements for Improved Transparency and Accountability - [Available on ResearchGate](#)

Pitt Policy Journal 15 - Spring 2024

Conference Presentations

The Impact of Administrative Staff on Municipal Cutback Management

(Upcoming) ASPA Annual Conference

March 2025 - Washington, D.C.

Small Towns, Big Differences: Administrative Capacity and Capital Spending in Municipal Governments

ASPA International Young Scholars Workshop

July 2024 - Budapest, Hungary

Presented a paper on the relationship between government capacity and capital spending, drawn from the theory and results of my Masters Thesis. IYSW is a 4-day intensive research workshop for young scholars around the world in Public Administration.

Best Practices in Public and Nonprofit Leadership

Greater Pittsburgh Nonprofit Partnership (GPNP) Summit

November 2023 - Pittsburgh, PA

Presented alongside Julia Santucci and Aakriti Kumar to an audience of Pittsburgh-based nonprofit leaders on the leadership qualities of world-renowned government and nonprofit leaders.

Incorporating Solar Energy in the Oil & Gas Industry
Mathematical Association of America, Allegheny Mountain Section
April 2022 - Virtual

Presented GIS-based work on optimizing solar farm locations with existing oil and gas production, as well as considerations for licensing and geological conditions.

Being Better at Being Busy
CAACURH Regional Leadership Conference
November 2019 - Pittsburgh, PA

Presented to approximately 50 student leaders about time management, meaningful prioritization, and preventing burnout in high-pressure roles.

Poster Presentations

Machine Learning Meets Public Management - Reviving the Government Performance Project for Personnel Stability Insights
(Upcoming) PMRC Annual Conference
June 2025 - Seoul, South Korea

Meta-Analysis of Hate Speech Data Annotators
Grefenstette Center Tech Ethics Symposium
November 2023 - Pittsburgh, PA

Teaching

Undergraduate Discussion Sections

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|-------------------------------------|-------------|-------------------------|
| (2) American Government (POLS 1101) | Spring 2025 | - University of Georgia |
| (2) American Government (POLS 1101) | Fall 2024 | - University of Georgia |

Undergraduate Guest Lectures

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|-------------------------------------|--------------------------------------|
| Mass Media in US Politics | Spring 2025 - University of Georgia |
| Digital Privacy and Security | Spring 2025 - University of Georgia |
| The Federal Bureaucracy | Fall 2024 - University of Georgia |
| Advanced Interactive GIS Systems I | Fall 2023 - University of Pittsburgh |
| Advanced Interactive GIS Systems II | Fall 2023 - University of Pittsburgh |
| Intro to Interactive GIS Systems I | Fall 2023 - University of Pittsburgh |
| Intro to Interactive GIS Systems II | Fall 2023 - University of Pittsburgh |

Membership and Professional Affiliations

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|---|--------------|
| American Economic Association (AEA) | 2018-2021 |
| Government Finance Officer Association (GFOA) | 2022-present |
| American Society for Public Administration (ASPA) | 2024-present |
| International City/County Managers Association (ICMA) | 2024-present |
| Public Management Research Association (PMRA) | 2025-present |

Projects

Additional details on each project can be found [on my personal website](#)

Strategic Management And Planning Program (STAMP) — October 2023-February 2024

Worked with a small team of graduate students for the PA Department of Community and Economic Development's STAMP Program supporting Perry Township, PA. Designed and presented policy recommendations to address systemic budget deficits and plan future capital expenses.

Law Reading Robot — May 2023-June 2024

Led the policy side of an open-source, AI-based tool to automatically record, summarize, and share updates on legislation in the Pennsylvania General Assembly and contributed to the codebase. The main project goals are to increase citizen access to and awareness of state legislation.

Allegheny County Polling Place Locator — November 2022 (ongoing)

Used GIS in a mobile app to aid voters in locating their polling place on election day. Incorporated feedback from voters and Judges of Elections to improve the service each election. This project is being maintained for public use for the foreseeable future.

Oil & Solar GIS Dashboard — January 2022 - April 2022

Designed a web app to combine gas well data with DEM-generated solar irradiance data to show optimal locations for solar panel array installation. Presented results to local researchers and company leadership, leading to a donation to the University for work completed.

Volunteering

Code for Pittsburgh — May 2023 - June 2024

Spearheaded the policy side of the Law Reading Robot project, developing an open-source, public repository of AI-generated summaries of Pennsylvania state legislation.

Judge of Elections, Pittsburgh 11th Ward 11th District — April 2021-April 2024

Inspector of Elections, Pittsburgh 11th Ward 11th District — 2021 Primary Election

Committees, Task Forces, and Assignments

Lead Editor, Pitt Policy Journal — October 2023 - April 2024

MPA Representative, GSPIA Planning and Budget Committee - January 2023 - May 2024

Served as a student representative for strategic and financial planning within the school.

MPA Degree Representative, GSPIA Student Cabinet - 2023

Served on the Bylaws Committee, Elections Committee (Chair), and Special Elections Committee (Chair).

Invited Speaking Engagements

People Love Maps - GIS for (almost) Everything

University of Pittsburgh Honors College
November 2022

Presented the results of three recent applied GIS projects, aimed at fostering undergraduate interest in GIS as a versatile data analysis and visualization tool.

Awards

Indiana University O'Neill School ASPA Founders' Fellow - 2025-2026

David Oeler Award in Information Sciences - April 2024

Awarded at the 2024 Commencement ceremony by the Graduate School of Public and International Affairs for outstanding work in the field of information systems. Includes an endowed \$3000 scholarship.

Hacking4Humanity Policy Track 1st Place Winner - March 2023

For "Protecting Victims of Hateful, Non-consensual Deepfake Pornography (NDP)", a targeted policy response to address the growing issue of deepfake pornographic content. Our policy creates a DMCA-style takedown regime with an amendment to Section 230(e) to impose civil penalties for platform noncompliance.

DHS Local Government Case Competition 3rd Place Winner — November 2022

For "Healing on Wheels", a plan to implement mobile mental health diagnostic teams in rural and underserved communities. Selected by a panel of local government officials and business leaders.