

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 decision-making in local governments and public finance. 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>

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

Defended a 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, BA in Economics
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.

- Independent Research in Mathematics (2022): Combined GIS Analysis, decline curve analysis, and cost-benefit analysis in a mobile dashboard for the client to plan future land purchases and development opportunities. (see Oil & Solar GIS Dashboard in Projects section).
- Diplomacy Lab Report (2020): Conducted a case study analysis of the human rights and financial performance of Intel as part of a research project on investor strategies and human rights for a Diplomacy Lab program at the Bureau of Democracy, Human Rights, and Labor (DRL) of the U.S. Department of State.
- Directed Research in Organic Chemistry (2018): Synthesized, analyzed, and identified antibiotic compounds produced by a bacterium sample.

Athens, GA 30605
724.344.0542
danrudy@uga.edu

Technical Skills

Programming in C, Java, Python
GIS Analysis
Statistical Analysis in R and Stata
Budget Planning
Project Management
Presentational Graphic Design

Select Graduate Coursework

Research & Quantitative Methods
(12 credits)

Public Policy Analysis

Legal Text Analytics & AI Methods

Program Evaluation

Languages

English - Native

Spanish - Full Professional Proficiency

Italian - Elementary Proficiency

Experience

Operations Manager

Johnson Institute for Responsible Leadership,
Pittsburgh, PA

November 2022 - July 2024

Managed general operations for the institute, including program evaluation, marketing, budgeting, grant review, and program logistics.

- Automated critical work including data aggregation and reporting
- Led the creation of strategic planning documents and budgets for the Institute
- Broadly managed nonprofit capacity-building activities, including interviewing nonprofit executives, conducting an evaluation of the Nonprofit Clinic, and organizing roundtable workshops
- Served as an independent consultant in selecting finalists for Mutual of America's Community Partnership Award

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.

- Designed the organization's capital financing strategy, and presented the policy for unanimous approval by the board
- Led restructuring of the retail front and logistics office in close collaboration with CEO and Board of Directors
- Modernized business practices including a top-down reorganization of the corporate card program
- Trained and directly supervised 8 Associate Directors for Administration and Finance

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 on the Board of Directors in conjunction with the Regional Director.

- Created and maintained the region's E-Commerce platform in response to decreased revenue due to COVID-19. Proactively documented and shared process, successes, and challenges with other regional financial administrators and CFO
- Rebalanced the operating budget mid-year to reduce costs to members while maintaining quality programming
- Served as Board of Directors Parliamentarian, and led parliamentary procedure training sessions for over 500 voting members of the general body

Finance Chair

Central Atlantic Regional Leadership Conference
NACURH, Inc.
Pittsburgh, PA

November 2018 - January 2020

Was a founding member of the conference bid team and managed all financial operations until all reports and accounts were finalized.

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

Teaching

Undergraduate Discussion Sections

American Government (POLS 1101)	Fall 2024 - University of Georgia
American Government (POLS 1101)	Fall 2024 - University of Georgia

Undergraduate Guest Lectures

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

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
- Contributed to open-source, public interest technology development with a multidisciplinary team

- Assisted with project and volunteer management during the group's restructuring

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).

NACURH International Affiliate Task Force — 2020-2021

Analyzed the affiliation trends of schools outside the US and presented recommendations to the Board of Directors.

University of Pittsburgh Dining Services RFP Committee — 2019-2020

Served as the primary representative of the student body in selecting the University's next dining services provider. Organized focus groups, attended interviews with potential providers, and represented student opinions in final decision-making.

Student Government Assembly — 2019-2020

Consulted the Student Government Board on issues that affected the student body, with specific focus on the resident population.

Student Government Civic Engagement Task Force — 2019-2020

Contributed to the proposal that successfully established 2020-2021 as the "Year of Engagement".

Student Government Mental Health Task Force — 2019-2020

Reviewed campus mental health services and suggested changes to address student feedback.

Mental Health Awareness Month Planning Committee — 2018-2020

Planned campus-wide events in collaboration with several student groups and University departments to destigmatize mental health issues facing college students, and promote resources available on- and off-campus.

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.

Leading by Your Values

National Residence Hall Honorary, Jonas Salk Chapter

February 2022

Presented on values-based leadership and led an activity to guide young student leaders in identifying their core personal values.

Starting your Leadership Journey (Keynote)

University of Pittsburgh Resident Student Association

August 2021

Spoke to the newly-elected leadership of the Resident Student Association (appx. 125 people) on the importance of advocacy and their role as student leaders.

The Alma Mater

University of Pittsburgh Class of 2023 Convocation

August 2019

Spoke to the Pitt Class of 2023 (appx. 5000 students) regarding the significance of the University's Alma Mater.

Select Conference Presentations

Capacity and Capital Spending in Pennsylvania 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.

Meta-Analysis of Hate Speech Data Annotators

Grefenstette Center Tech Ethics Symposium

November 2023

Presented a poster with two coauthors on the sources for the largest hate speech datasets in use by social media platforms and researchers to highlight ethical concerns of outsourcing annotation of hateful content.

Best Practices in Public and Nonprofit Leadership

Greater Pittsburgh Nonprofit Partnership (GPNP) Summit

November 2023

Presented alongside two colleagues 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

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

Membership and Professional Affiliations

American Economic Association (AEA) - 2018-2021

Government Finance Officer Association (GFOA) - 2022-present

American Society for Public Administration (ASPA) - 2024-present

Awards

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.

NACURH Gold Pin — July 2022

Awarded by the CEO and Chairperson for outstanding service as CFO & COO. This is the highest award an individual can receive in NACURH.

NACURH Advancement Society Honorary Inductee — January 2022

Awarded by the NACURH Board of Directors during service as CFO & COO for five years of dedicated service and lifelong commitment to leadership.

NACURH Silver Pin — June 2021

Awarded by the Regional Director for outstanding service as Associate Director. This is the highest individual award at the regional level in NACURH.

NACURH Bronze Pin — April 2021

Awarded by the NRHH President for outstanding service as Business Manager and for continued involvement. This is the highest individual award at the campus level in NACURH.

NACURH Bronze Pin — April 2019

Awarded by the RSA President for outstanding service as VP of Finance. This is the highest individual award at the campus level in NACURH.