

Edmund Poku Adu Ph.D.

Department of Government, Law and Policy

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EDUCATION

Degrees

- **Ph.D Public Administration & Management**, University of North Texas(UNT) 2025
 - **Fields:** Public Finance & Urban Management
 - **Dissertation title:** *"Determining the Outcomes of Dedicated Local-Option Sales Taxes (d-LSTs) in Texas Cities: An Application of Quasi-Experimental Research Methods."* Won **Best Dissertation in Social Science Award**, Toulouse Graduate School-UNT.
 - **Dissertation Committee:** Dr. Robert Bland(Chair), Dr. Simon Andrew, Dr. Linglang He & Dr. Yu (Kelly) Shi
- **MPhil Public Administration**, University of Ghana Business School(UGBS) 2017
 - **Thesis title:** "Assessing the Acceptance of Local e-Government Strategies: Cases from Accra Metropolitan Assembly."
- **B.A Political Science**, University of Ghana(UG) 2014
 - **Minor:** English

Certificates

- Certificate in Quantitative Methods-ICPSR, University of Michigan, Ann Arbor 2025
- Graduate Certificate in Data Analytics, UNT 2024
- Graduate Student Teaching Excellence Certificate, UNT 2021

RESEARCH INTERESTS

Local Government Policy & Management, specializing in Public & Nonprofit Financial Management, Policy Evaluation & Environmental Justice.

TEACHING INTERESTS

Public Budgeting & Finance, Policy & Program Evaluation, Data Analytics, Research Methods (Causal Inference) & Intergovernmental Affairs.

PROFESSIONAL APPOINTMENTS

- Tenure-Track Assistant Professor, Department of Political Science, A-State 2025-Present
- Teaching Fellow, Department of Public Administration, UNT 2022-2025
- Research/Teaching Assistant, Department of Public Administration, UNT 2021-2022
- Tutor, Department of Continuing & Distance Education, UG 2020-2021
- Research/Teaching Assistant, UGBS 2016-2021
- Teaching Assistant, Department of Political Science, UG 2014-2015

PUBLICATIONS

Public & Non-Profit Financial Management

Refereed Journal Articles

- Kyei-Poakwah, K., Owusu-Mensah, I. & Adu, E. P. (2024) Party Financing in Ghana: A Case for Regulated Elite Funding. *Journal of Asian & African Studies*, (Online First). (Journal Impact Factor 1.1)

Book chapters

- Nukpezah, J. A., Ahmadu, A. S., Ukwandi, K., Adu, E. P., & Abraham, R. (2023). "Public budgeting in developed and developing countries". In *Research Handbook on Public Financial Management* (pp. 136-153), Edward Elgar Publishing.

Manuscripts Under Review

- Adu, E. P., & Bland, R. L. Cross-sector Collaboration and Economic Resilience: Evaluating Government-Created Nonprofits During the Great Recession, *American Review of Public Administration*.
- Adu, E. P., & Bland, R. L. The Flypaper Effect of Dedicated Local Sales Taxes (D-LSTs): A Multi-Methodological Study of Local Sales Tax (LST) Expenditure Complexity in Texas, *Public Budgeting & Finance*.

Manuscripts In Preparation

- Adu, E. P., & Bland, R. L. The Nuance of Local Sales Tax (LST): the Role of Expenditure Complexity in Property Value Capitalization, *Public Budgeting & Finance-Revise and Resubmit*.

- Adu, E. P., & Bland, R. L. Revisiting the Government failure theory: An application of Ridge Regression in study of Nonprofit human services organizations (NHSOs) spending, *Nonprofit Management & Leadership-Revise and Resubmit*. (Journal Impact Factor 3.2)
- Adu, E. P. Exploring Nonlinearities in Policy Diffusion: Insights from Dedicated Local Sales Tax (d-LST) adoption. Target journal: *Policy Studies Journal*.
- Adu, E. P., Nukpezah, J. A. & Benavides, A. D. Public values and welfare spending in US local governments. Target journal: *Public Administration Review*.
- Adu, E. P., Context Matters: How Development Ideology, Location, and Organizational Capacity Shape the Success of Dedicated-Local Sales Taxes (d-LST). Target journal: *Urban Affairs Review*.
- Adu, E. P., Riding the Rails to superior local economy? An Empirical Analysis of Dedicated Local Sales Taxes for Transit (T-LST) in Texas. Target journal: *Public Works & Policy*.

Encyclopedia Entries

- Adu, E. P. "Dedicated Local Option Sales Taxes(d-LSTs) in Texas." In the *Global Encyclopedia of Public Administration, Public Policy & Governance*, ed. Ali Farazmand.

Policy & Program Evaluation

Refereed Journal Articles

- Asamoah, K., Yeboah-Assiamah, E., Damoah, C. M., & Adu, E. P. (2022). Sounds on paper but problematic in practice: PPP in Ghana's transport sector. *Research in Transportation Business & Management*, 43, 100682. (Journal Impact Factor 4.1)
- Adu, E. P., Buabeng, T., Asamoah, K., & Damoah, C. M. (2020). Digitization of local revenue collection in Ghana: An evaluation of Accra Metropolitan Assembly (AMA). *The Electronic Journal of Information Systems in Developing Countries*, 86(1), e12112. (Journal Impact Factor 1.1)

Manuscripts In Preparation

- He, L. & Adu, E. P. Policy networks and the adoption of Electric School Buses by Texas School Districts. Target journal: to be decided.
- Jang, H. S. & Adu, E. P. Explaining Local Government adoption of AI Policies Target journal: to be decided.
- Adu, E. P., Mossberger, K. & Mensah-Damoah, C. Digitization, Inequality and Access to Government Information in Ghana. Target journal: *Government Information Quarterly*.

Book chapters

- Nukpezah, J. A., Ntow, M. A. O, Adu, E. P., & Apalowo, J. T. (Forthcoming). "Potential of Artificial Intelligence in Smart Cities". In *Artificial Intelligence & Government: Examining the Roles and Uses of AI in Enhancing Government Operations* (pp. 136-153), Springer Nature.

Encyclopedia Entries

- Adu, E. P. "Digitization and Inequalities in Ghana." In the *Global Encyclopedia of Public Administration, Public Policy, & Governance*, ed. Ali Farazmand.

Environmental Justice

Refereed Journal Articles

- Kyei-Poakwah, K., Owusu-Mensah, I., Adu, E. P., & Ateng, M. A. (2023). Big Men, Small Boys; A Power Dimension Perspective of Farmers-Herdsmen Conflict in Ghana. *Journal of Peacebuilding & Development*, 18(1), 110-116. (Journal Impact Factor N/A)

Manuscripts Under Review

- Lightbourne, J. E., Jones, M., Adu, E. P., & Frison, L. Assessing the Impact of PFAS Contamination on Maternal Health in Affordable Housing Communities in Texas, *Journal of Urban Health*. (Journal Impact Factor 4.3)
- Lightbourne, J.E., Henry, D., & Adu, E. P. Assessing the Role of Collaborative Networks in Mitigating Food Insecurity and Enhancing Housing Stability in Dallas County, *International Journal of Public Administration*. (Journal Impact Factor 4.1)

AWARDS & FELLOWSHIPS

- Best Dissertation in Social Science Award, Toulouse Graduate School-UNT 2025
- Founder's Fellowship, American Society for Public Administration(ASPA) 2025
- Opportunity Fellowship, ICPSR Summer Program in Quantitative Methods, University of Michigan 2025
- Charldan Newell Fellowship, College of Health & Public Service, UNT 2021
- David Wachira Travel Award, Department of Public Administration, UNT 2022

GRANTS

- \$500 Professional Development Grant, A-State 2025
- \$1000 Travel Grant for Applied Public Finance Conference, Wichita State University 2025
- \$500 Toulouse Graduate School Travel Grant, UNT 2024
- \$1000 Travel Grant for Applied Public Finance Conference, University of Nebraska Omaha 2024
- \$500 Travel Grant for 2021 ASPA Conference, College of Health & Public Service, UNT 2023

ACADEMIC PRESENTATIONS

Conferences

- "d-LST Adoption Timing and Economic Recovery: Evidence from the Great Recession", Association for Budgeting & Financial Management (ABFM) Annual Conference, Atlanta, GA, October 23-25. 2025
- "Context Matters: How Development Ideology, Location, and Organizational Capacity Shape the Success of Dedicated-Local Sales Taxes", ABFM Annual Conference, Atlanta, GA, October 23-25. 2025
- "Riding the Rails to superior local economy? An Empirical Analysis of Dedicated Local Sales Taxes for Transit (T-LST) in Texas", ABFM Annual Conference, Atlanta, GA, October 23-25. 2025
- "Locally-Funded Economic Development Corporations (EDC) and the Great Recession: Application of Synthetic Control Method(SCM) and Synthetic Difference in Differences (SDiD)", Applied Public Finance Conference, Wichita State University, Wichita, KS, May 1-2. 2025
- "Assessing the Impact of PFAS Contamination on Maternal Health in Affordable Housing Communities in Texas". 2025 International Conference on Urban Affairs Vancouver, British Columbia, Canada, April 15-19. 2025
- "Economic Development Corporations and Long-Term Recovery: Evidence from Texas", Association for Public Policy Analysis & Management (APPAM) Annual Conference, National Harbor, MD, November 21-23. 2024
- "Revisiting the Theory of Revenue Diversification: Insights from an Empirical Analysis of Texas Cities' Sales Tax Strategies and Growth in Property Values", APPAM Annual Conference, National Harbor, MD, November 21-23. 2024
- "Economic Benefits of Dedicated Local Option Sales Tax", ABFM Annual Conference, Cleveland, OH, September 26 - 28. 2024
- "Revisiting the Theory of Revenue Diversification", Applied Public Finance Conference, University of Nebraska, Omaha, NE, May 10-11. 2024
- "Redistributive Effects of Non-Profit Spending in 41 Texas Cities", ABFM Annual Conference, Denver, CO, October 26 - 28. 2023
- "Public values as motivation for local government welfare spending", American Society for Public Administration (ASPA) Annual Conference, Jacksonville, FL., March 18-23. 2022
- "Framework on Effective Response to Emergencies in the United States", ABFM Annual Conference, Miami, FL, September 21 - 23. 2022

Chester A. Newland Public Administration Colloquium Series, UNT

- "Economic Development Corporations and Long-Term Recovery", November 15. 2024
- "Economic Benefits of Dedicated Local Option Sales Tax", September 20. 2024
- "Public values as motivation for local government welfare spending" February 25. 2022

WORKSHOP PARTICIPATION

- ACUE Effective Teaching 101 (ET101), A-State, Fall. 2025
- Online Course Development Training, Toulouse Graduate School UNT, Summer. 2022
- Graduate Students Teaching Excellence Course, UNT, Spring. 2022
- Teaching Enhancement Seminar, Toulouse Graduate School UNT, Spring. 2021
- Shadow Peer Review Committee Training, Action Lab, Faculty of Information Technology, Monash University, Australia April 2-3. 2021

TEACHING EXPERIENCE

A-State

Instructor of Record

- POSC 4503 Public Policy, Politics & Power Fall 2025 (In-person)
- POSC 6533 Public Budgeting & Finance Fall 2025 (Remote)

UNT

Instructor of Record

Course	Semester	Format	Evaluation Score Out of 5
PADM 4450 Public Policy Analysis	Fall 2022	In-person	4.8/5
PADM 4450 Public Policy Analysis	Summer 2024	Remote	4.7/5
PADM 4260 Volunteer Program Planning and Evaluation	Fall 2023	Remote	4.3/5
PADM 2100 Cultural Competency in Urban Governance	Spring 2023	Remote	4.5/5

Guest Lectures

- PADM 3700 Introduction to Conflict Resolution, in-person format (Fall 2021).
- PADM 5100 Local Government Management, in-person format (Spring, 2021).
- PADM 5420: Revenue Policy & Administration, in-person format (Fall, 2024).

Teaching Assistant

- PADM 5420: Revenue Policy & Administration, in-person format (Fall 2024 & Spring 2023).
- PADM 5310 Economic & Community Development, in-person format (Summer 2023).
- PADM 5400 Managing Financial Resources, in-person format (Fall 2022).

- PADM 4070 Arbitration Basics, virtual format (Spring 2022).
- PADM 4060 Mediation Practicum, in-person format (Spring 2022).
- PADM 4050 Negotiation & Dispute Resolution, virtual format (Spring 2022).
- PADM 5100 Local Government Management, in-person format (Spring 2021).
- PADM 4000 Mediation, virtual format (Fall 2021).
- PADM 4050 Negotiation, virtual format (Fall 2021).
- PADM 3700 Introduction to Conflict Resolution, in-person format (Fall 2021).

UG

Instructor of Record

- PAHS 011: Introduction to Public Administration, in-person format (Spring 2019).
- PAHS 051: Political Institutions, in-person format (Fall 2020).

Teaching Assistant

- PAHS 619 Public Policy Analysis, in-person format (Spring 2019).
- POLI 465 Policy Monitoring & Evaluation in-person format (Fall 2015).

SKILLS

- **Programming:** R (Advanced), Python (Advanced), SAS (Intermediate), HTML (Intermediate)
- **Data Visualization:** Tidyverse (Advanced), Microsoft Power BI(Intermediate), Tableau (Intermediate)
- **Econometrics:** Causal Inference, Time Series Analysis, Panel Data Analysis, Bayesian Modeling
- **Machine Learning:** Supervised (Regression, Decision Trees, Neural Networks & SVM), Unsupervised (Apriori Algorithm, Isolation Forest, Regularization & DBSCAN)
- **Language:** English (Fluent), French (Basic), Swahili (Basic), Akan (Native)

SERVICE TO THE PROFESSION

- Track Chair Reviewer, Global Governance and Administration track, 2026 ASPA Conference, Hollywood, CA., March 20-24.
- Journal manuscript reviewer: International Review of Public Administration, 2025.
- Journal manuscript reviewer: Public Works Management & Policy, 2024.
- Journal manuscript reviewer: South African Geographical Journal, 2022.
- Journal manuscript reviewer: Journal of Intercultural Communication Research, 2022.
- Conference volunteer, ABFM, Fall Research Conference, Miami, FL., September 21-23.
- Journal manuscript reviewer: Electronic Journal of Information Systems in Developing Countries, 2019.
- Field Research Consultant, Konrad Adenauer Foundation, Accra-Ghana, 2016-2021.

SERVICE TO THE DEPARTMENT/UNIVERSITY

Department of Political Science, A-State

- Social Committee, Fall 2025.
- Faculty Search Committee, Fall 2025.

Department of Public Administration, UNT

- End of Year Party Committee, Fall 2023.
- Speaker, "New Ph.D. Student Welcome & Orientation," Fall 2023.
- Member, Public Administration Ph.D. Students Association, Fall 2021-present.

LEADERSHIP ROLES

- Secretary Vice-President, Public Administration Ph.D. Students Association, 2021-2022-2022-2023.
- Vice-Captain, UG Cricket Team, 2013-2014.

PROFESSIONAL ASSOCIATION MEMBERSHIP

- Member, ABFM
- Member, APPAM
- Member, ASPA