

Sarmistha Rina Majumdar, Ph.D.
Department of Political Science and Public Administration
Barbara Jordan – Mickey Leland School of Public Affairs
Texas Southern University
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EDUCATION

- * **Ph.D. in Public Administration** - May 2003
School of Public Affairs and Administration
Rutgers University, Newark, New Jersey
- * **M.C.R.P.** – Masters in City and Regional Planning, May 1993
Bloustein School of Planning and Public Policy
Rutgers University, New Brunswick, New Jersey
- * **M.A.** – Environmental Management, May 1990
Montclair State University, Montclair, New Jersey.
- * **B.Sc.** – Geography, September 1987
Lady Brabourne College, Calcutta University, India.

**PROFESSIONAL
EMPLOYMENT**

- * Interim Chair, Department of Political Science & Public Administration
(Fall 2020 to present)
Barbara Jordan – Mickey Leland School of Public Affairs
Texas Southern University
- * Professor (Fall 2020 to present)
Associate Professor (Fall 2014 to Spring 2020)
Assistant Professor (Fall 2012 – Spring 2014)
Visiting Professor (Spring 2012)
Master of Public Administration (MPA) and EMPA
Department of Political Science
Texas Southern University, Houston, TX
- * Fellow, Barbara Jordan Institute for Policy Research
Barbara Jordan -Mickey Leland School of Public Affairs
Texas Southern University
- * Fellow, Bullard Center for Environmental & Social Justice
Barbara Jordan -Mickey Leland School of Public Affairs
Texas Southern University
- * Research Associate (2017 to present)
Hobby School of Public Affairs
University of Houston

- * Adjunct Professor (Fall 2011)
Department of Public Administration
University of Nebraska, Omaha
- * Assistant Professor (Fall 2006 to Spring 2011)
Master of Public Administration
Department of Political Science
Sam Houston State University, Huntsville, TX
- * Assistant Professor (Fall 2003 to Spring 2006)
Department of Public Administration
University of North Texas, Denton.

Publications

Peer Reviewed Journal Articles

1. Majumdar, S. & Chun, Bumseok. (2023). Fracking and Traffic Accidents in Eagle Ford Shale of Texas. Manuscript accepted for publication in *Public Works Management and Policy*, 28 (2), 163-188. Online publication in July 2022.
2. Majumdar, S. (2019). Varied Responses to Human Induced Seismicity in the City of Azle, Texas. *Case Studies in the Environment*, 3, 1–8.
3. Majumdar, S. (2016). The Case of Public Involvement in Transportation Planning Using Social Media. *Case Studies on Transport Policy*, 5, 121 - 133.
4. Majumdar, S. & Adams, M. (2015). Diversity in Masters of Public Administration Programs (MPA) at Minority-Serving Institutions. *Journal of Public Affairs and Education*, 21(2), 215-228.
5. Lentz, Corliss & Majumdar, S. (2014). Speak no Evil: Do Zambian Religious Leaders Practice a “Conspiracy of Silence” Regarding HIV/AIDS. *Journal of Public Management and Social Policy*, 20(2), 154-172.
6. Majumdar, S., Sen, L., Highsmith, M. & Cherrington, L. (2013). The Case of Performance Measurement in Mobility Management Programs. *Journal of Public Performance and Management Review*, 37(2), 280-301.
7. Majumdar, S., Sen, L. and Park, S. (2013). The Feasibility of Mobility Management in the United States. *Public Works, Management and Policy*, 18(3), 263-278.
8. Majumdar, S. and Lentz, C. (2012). Individuals’ Attitude towards Public Transit in a Rural Transit District: A Case Study. *Public Works, Management and Policy*, 17(1).

9. Majumdar, S. (2010). The Case for the Development of Public Transit in an Urban Boundary Rural Area. *Review of Policy Research*, 27(6), 741-760.
10. Majumdar, S., Moynihan, C., and Pierce, J. L. (2009). Public Collaboration in Transportation: A Case Study. *Public Works, Management and Policy*, 14(1), 55-80.
11. Majumdar, S. (2007). Local Government and Sustainable Development: A Case Study. *Journal of Public Management and Social Policy*, 13(1), 19 - 31.
12. Majumdar, S. (2005). A Prospect Theory Analysis of California's Initiatives in Implementation of the ZEV Mandate. *Review of Policy Research*, 22(2), 157 - 169.

Book

13. Majumdar, S. (2019). *The Politics of Fracking: Regulatory Policy and Community Responses to Environmental Concerns*. Routledge Research in Public Administration and Public Policy, Routledge, New York.

Book Chapters

14. Majumdar, S., Pierce, J.L. and Moynihan, C. (2010). Paving the Way for Public Transportation in North Texas through Public Collaboration. In D. Norris Tirrell and J. Clay (Eds.), *The Practice of Strategic Collaboration: From Silos to Action*. Florida: Taylor and Francis.
15. Majumdar, S. (2010). Policy Program Evaluation. In E. Davis (Ed.), *Public Policy: The Basics*. Texas: Edsal Publishing.
16. Majumdar, S. (2007). Environmental Impact on Transportation Policy – The Case for California's Zero Emission Vehicles (ZEV) Mandate. In J. Plant (Ed.), *Handbook of Transportation Policy and Management (p227-238)*. Florida: Taylor and Francis.
17. Majumdar, S. (2007). Survey Research. In K. Yang and G. Miller (Eds.), *Handbook of Research Methods in Public Administration, second edition (p241-253)*. Florida: Taylor and Francis.
18. Majumdar, S. (2007). Applying Matrix Algebra in Statistical Analysis. In G. Miller and K. Yang (Eds.), *Handbook of Research Methods in Public Administration, second edition (p361-374)*. Florida: Taylor and Francis.
19. Majumdar, S. (2005) A new computer system for the library. In K. Callahan, D. Olshfski and E. Schwella (Eds.), *Global Public Management: Cases and Comments (p131-132)*. Thousand Oaks, California: Sage.

20. Majumdar, S. (1999). Matrix Algebra. In G. Miller and M. Whicker (Eds.), *Handbook of Research Methods in Public Administration, first edition (p639-645)*. New York: Marcel Dekker.

Encyclopedia Articles

21. Majumdar, S. (1998). The Tragedy of the Commons, J. M. Shafritz (Ed.), *The International Encyclopedia of Public Policy and Administration (p2272- 2274)*. Boulder, Colorado: Westview Press.
22. Majumdar, S. (1998). International Environmental Policy, J. M. Shafritz (Ed.), *The International Encyclopedia of Public Policy and Administration (p785 – 789)*. Boulder, Colorado: Westview Press.

Professional Publications

23. Majumdar, S. R. (2021). Renewal of Public Interest in Renewable Energy in *PA Times*, December 12, 2021. Available at <https://patimes.org/renewal-of-public-interest-in-renewable-energy/>
24. Majumdar, S. R. (2018). Eco Tourism in Costa Rica. A Research Note on Eco Tourism in SENRA Newsletter, September 1, 2018, p 5 – 9.
25. Majumdar, S. R. (2015). The Use of Social Media in Planning by Regional Councils of Governments, *PA Times*, January 6, 2015. Available at <http://patimes.org/social-media-planning-regional-councils-governments/>
26. Majumdar, S. R. (2012). Challenges and Opportunities in Use of Social Media to Communicate with Public. Policy Report, Barbara Jordan - Mickey Leland School of Public Affairs, Texas Southern University, 6-7.
27. Majumdar, S. R. (2010). Don't Mess with Texas Air Quality, *SENRA Newsletter*, (ASPA's Section on Environment and Natural Resource Administration), March 2010, p4-5.
28. Majumdar, S. R. (2009). Wildlife Sanctuary in India, *SENRA Newsletter*, September 2009, p1, 3 and 4.
29. Majumdar, S. and Lindsey, Richard. (2008). The Effects of Rising Gas Prices in Huntsville, Texas. *PA Times*, American Society for Public Administration, 34(4), 7.
30. Majumdar, S. (2007). Public Reactions to Proposals for Coal Fired Power Plants in Texas, *SENRA Newsletter*, September 2007, p4-6.
31. Majumdar, S. (2005). Innovative Texas Partnership Aims to Attain Clean Air. *PA Times*, American Society for Public Administration, 28(10), 1-2.

Grant Reports

32. Majumdar, S. (2014). The Scope of Social Media as a Tool for Public Involvement in Transportation. A Seed Grant Project.
33. Sen, L., Majumdar, S. Cherrington, L., Highsmith, M. and Weatherby, C. (2011). Performance Measures for Public Transit Mobility Management. A grant report sponsored by TxDOT. Available at <http://tti.tamu.edu/documents/0-6633-1.pdf>
34. Majumdar, S. (2010). Understanding Individual Preferences in Transportation in an Era of High Gasoline Prices: A Look at Huntsville, Texas.

Work in Progress

1. Environmental federalism and fracking.
2. Fracking and local crimes.
3. Policy responses to infrastructure damages in the aftermath of Harvey.

Selected Conference Papers

1. Majumdar, S. (2023). Technical and Administrative Challenges in Control of Methane Emissions from Fracking. A paper presented at the 84th Annual Conference of American Society for Public Administration, March 20 – 24, 2023.
2. Majumdar, S. (2023). Author and moderator of panel on Global Perspectives on Challenges and Opportunities in Addressing the Environment at the the 84th Annual Conference of American Society for Public Administration, March 20 – 24, 2023.
3. Majumdar, S. (2022). Fracking and its Impacts on Air Quality. A paper presented at the 83rd Annual Conference of American Society for Public Administration, March 18 – 22, 2022, Jacksonville, Florida.
4. Majumdar, S. (2021). Policy Response to Infrastructure Damages from Fracking. A paper presented at the 82nd Annual Conference of American Society for Public Administration, online from April 9 - 15, 2021.
5. Majumdar, S. (2019). Damages and Recovery Efforts in the Aftermath of Hurricane Harvey. A paper presented at the 50th Southeastern Conference for Public Administration, Baton Rouge, September 4 – 7, 2019.
6. Majumdar, S. (2019). Environmental Federalism and its Impacts on Fracking. A paper presented at the 80th National Conference of American Society for Public Administration, Washington D.C., March 8 - 12, 2019.

7. Majumdar, S. & Hussain, R. (2019). Coping with Damages in the City of Houston in the Aftermath of Harvey. A paper presented at the 80th National Conference of American Society for Public Administration, Washington D.C., March 8 - 12, 2019.
8. Majumdar, S. (2018). Human Induced Seismicity in the Aftermath of Fracking: The Case of Texas. A paper presented at the SECOPA Conference of American Society for Public Administration, Birmingham, Alabama, September 20 - 23, 2018.
9. Majumdar, S. (2018). Fracking and Water Needs: Meeting the Challenges in Supply and Disposal of Water. A paper presented at the 79th National Conference of American Society for Public Administration, Denver, Colorado, March 9 - 13, 2018.
10. Majumdar, S. (2017). A Community's Response to Fracking: A Case Study. A paper presented at the Association for Environmental Studies and Sciences Annual Conference in Tucson, Arizona, June 21 – 23, 2017.
11. Majumdar, S. (2017). The Politics of Energy Development and Climate Change: The Case of Oil and Gas. A paper presented at the 78th National Conference of American Society for Public Administration, Atlanta, Georgia, March 15 - 21, 2017.
12. Majumdar, S. (2016). Transportation and Climate Change. A paper presented at the 77th National Conference of American Society for Public Administration, Seattle, Washington, March 18 - 22, 2016.
13. Majumdar, S. (2016). The Case of Public Involvement in Transportation Planning Using Social Media: Evidences from Regional Agencies in Texas. Paper presented at the Transportation Research Board's (TRB) Annual Conference, Washington D.C. January 10-14, 2016.
14. Majumdar, S. (2015). In the aftermath of fracking. A paper presented at the 76th National Conference of American Society for Public Administration, Chicago, March 6 -10, 2015.
15. Majumdar, S. (2014). Public Involvement and Social Media. A paper presented at the Southwest Social Science Conference, San Antonio, Texas, April 17 – 19, 2014.
16. Majumdar, S. (2014). Policy Perspectives on Environmental Hazards of Fracking. A paper presented at the 75th ASPA Conference, Washington D.C., March 14 -19, 2014.
17. Majumdar, S. (2013). Diversity at HBCUs. A paper presented at the Teaching in Public Administration Conference, San Francisco, California, June 3 – 5, 2013.
18. Majumdar, S. and Sen, L. (2013). Best Practices in Performance Measurement of Mobility Management Programs. A paper presented at the 74th National Conference of American Society for Public Administration, New Orleans, Louisiana, March 15 -19, 2013.
19. Majumdar, S. (2012). Past and Current Trends in Hiring Diverse Faculty at HBCUs. A paper presented at the Annual Conference of National Association of Schools in Public Affairs and Administration (NASPAA), Austin, Texas, October 17 -20, 2012.

20. Sen, L., Johanson, K. and Majumdar, S. (2012). Rural Access and Mobility: A Case of Managing Individualized Mobility Needs through Innovative Management in North Western USA. A paper presented at TRANSED, New Delhi, India, September 17 -21.
21. Sen, L. and Majumdar, S. (2012). Implementation, Monitoring, and Management of an Integrated and Accessible Transportation Program: A Proposed Generic System for Major Cities in South Asia to Meet the Mandate of UNCRPD. A paper presented at TRANSED, New Delhi, India, September 17 -21.
22. Majumdar, S. (2012). Mobility Management in Livable Communities. A paper presented at the 73rd National Conference of American Society for Public Administration, Las Vegas, Nevada, March 4 - 6, 2012.
23. Majumdar, S. and Sen, L. (2011). Performance Measurement in Public Transportation Coordination/ Mobility Management, presented at the 72nd National Conference of American Society for Public Administration, Baltimore, Maryland, March 11- 15, 2011.
24. Majumdar, S. (2010). Greening of the Automobile Technology, a paper presented at the 71st National Conference of American Society for Public Administration, San Jose, California, April 9-13, 2010.
25. Majumdar, S. (2009). Ushering in an Era of Environmental Friendly Vehicles, a paper presented at the Dupont Policy Conference of Policy Studies Organization, Washington D.C. December 4, 2009.
26. Majumdar, S. (2009). States' Stance on Environmental Friendly Technology, a paper presented at the 70th National Conference of American Society for Public Administration, Miami Florida, March 19-24, 2009.
27. Majumdar, S. (2008). Public Preferences in Transportation During an Era of High Gasoline Prices: A Look at Huntsville, Texas, presented at the 69th National Conference of American Society for Public Administration, Dallas, Texas, March 10-14, 2008.
28. Majumdar, S. and Pierce, J. (2007). Public Collaboration in Transportation: A Look at Denton County Transportation Authority's (DCTA) Plan for Public Transportation in North Texas, a paper presented at the 68th National Conference of American Society for Public Administration, Washington D.C. March 23 – 27, 2007.

Other Research/Scholarly Activities

Books Reviewed

1. January 2022. *Fossil fuel interests and the failure of global efforts to limit climate change* for Routledge Publisher.

2. June 2020. *The Shale Renaissance: How Fracking has Ignited Debate, Challenged Regulators, and Changed Pennsylvania in the Twenty-first Century* for University of Pittsburgh Press.
3. September 2019. *When Fracking Comes To Town: Governance, Planning, and Economic Impacts of the US Shale Boom* for Cornell University Press.

Grant Funded Research

1. Principal Investigator: Sarmistha R. Majumdar
 Project Title: Regulatory Exemptions and Environmental Impacts of Fracking in Local Communities
 Funding Agency: Texas Southern University, Title III Seed Grant
 Grant Amount: \$7,690
 Grant Period: December 2016 to December 2017
2. Consultant: Sarmistha R. Majumdar
 Project Title: Exploring Recidivism Through a Novel Tablet-Based Battery
 Funding Agency: National Science Foundation, Interdisciplinary Behavioral and Social Science Research (IBSS) Award
 Grant Amount: \$63,950
 Grant Period: September 2015 to August 2016.
3. Principal Investigator: Sarmistha R. Majumdar
 Project Title: The Scope of Social Media as a Tool for Public Involvement in Transportation Projects: A Case Study
 Funding Agency: Texas Southern University, Title III Seed Grant
 Grant Amount: \$3,000
 Grant Period: November 1, 2013 to August 29, 2014
4. Co-Principal Investigator: Sarmistha R. Majumdar
 Project Title: Determine Performance Measures for Public Transit Mobility Management – A Joint Project with Texas Southern University, Sam Houston State University and Texas Transportation Institute of Texas A & M.
 Funding Agency: Texas Department of Transportation
 Grant Amount: \$70,000
 Grant Period: September 2010 to August 2011.
5. Principal Investigator: Sarmistha R. Majumdar
 Project Title: Understanding Individual Preferences in Transportation in an Era of High Gasoline Prices: A Look at Huntsville, Texas.
 Funding Agency: Town Center Improvement District, Township of The Woodlands, Texas.
 Grant Amount: \$10,000
 Grant Period: September 2007 to August 2008.

6. Grant Consultant: Sarmistha R. Majumdar
 Project Title: HIV/AIDS crisis in India: A Proposed Model for Services and Support to Orphans and Vulnerable Children and Families Affected by HIV/AIDS in Kolkata, India.
 Funding Agency: USAID
 Grant Amount: \$105,000
 Grant Period: January 2006 to August 2007.

Educational Offerings

National Webinars

1. Title: The Politics of Fracking – ASPA’s National Book Talk
 Author: Sarmistha R. Majumdar
 Sponsors: American Society for Public Administration, Routledge, ASPA SENRA and ASPA Greater Houston Chapter
 Year: November 15, 2018

2. Title: Fracking: Policy and Legal Perspectives
 Authors: Sarmistha R. Majumdar, School of Public Affairs
 Emeka Duruigbo, Thurgood Marshall School of Law
 Texas Southern University
 Sponsor: American Society for Public Administration
 Year: October 23, 2014

3. Title: Performance Measures for Public Transit Mobility Management
 Authors: Lalita Sen, Sarmistha Majumdar, Texas Southern University
 Meredith Highsmith, Texas Transportation Institute
 Sponsor: National Resource Center for Human Service transportation Coordination
 Year: February 9, 2012.

Public Policy Seminars

- Title: The Politics of Fracking
 Location: University of Houston (Public Policy Class), Houston, Texas
 Dulles High School (Environmental Studies class), Sugarland, Texas
 Date: February 22 and March 4, 2019.
- Title: Fracking: Legal and Policy Perspectives,
 TSU’s Spring Interdisciplinary Seminar
 Location: Sterling Student Life Center
 Date: April 10, 2014

Research Presentation at Texas Southern University

Title: Coping with Damages in the City of Houston in the Aftermath of Harvey
Location: Barbara Jordan – Mickey Leland School of Public Affairs
Date: November 28, 2018

Title: Communities Responses to Fracking, Poster, Research Week Presentation
Location: Sterling Student Life Center, Texas Southern University
Date: March 28, 2017

Title: Invisible Houston Revisited: The Case of Transportation Inequity
School of Public Affairs Policy Summit
Location: School of Public Affairs
Date: November 7, 2013

Title: The Scope of Public Transit in Rural Transit District: A Case Study, Poster,
Research Week Presentation
Location: Sterling Student Life Center, Texas Southern University
Date: April 2, 2013

Title: Using Social Media to Enhance the Scope of Public Involvement in Community
Projects, Poster, Research Week Presentation
Location: Sterling Student Life Center, Texas Southern University
Date: March 2012

Grant Writing Seminars at Texas Southern University

Title: How to Write Good Grant Proposals
Location: Barbara Jordan – Mickey Leland School of Public Affairs,
Time Period: Offered several times during 2012 to 2015

Teaching Experiences

Graduate Courses

- * Administrative Research Methods I
- * Administrative Research Methods II
- * Doctoral Seminar in Public Policy
- * Seminar in Public Policy Analysis
- * Public Policy Making
- * Social Science Policy
- * Science, Technology and Public Policy
- * Program Evaluation
- * Capstone Class in Master of Public Administration
- * Grants Research and Writing
- * Independent Study

Undergraduate Courses

- * Introduction to Public Administration
- * American Public Policy
- * Bureaucracy and Public Policy

Awards and Honors

- * Distinguished Service Award,
May 2017, Texas Southern University.
- * Third Prize Faculty Research Award
Research Week March 2017, Texas Southern University.
- * 2016 Patricia Year Wood Award from
American Society for Public Administration.
Produced the Best Chapter/Section Newsletter.
Featured in ASPA's Spotlights on Success
- * First Prize Faculty Poster Award,
Research Week April 2013, Texas Southern University.
- * Research Achievement in Political Science Award
2007-2008 and 2006-2007
College of Humanities and Social Sciences
Sam Houston State University.
- * Recipient of Dissertation Fellowship
Office of the Dean, Graduate School
Rutgers University, New Jersey.
- * Recipient of National Scholarship
Government of India.

Professional Services

- * Member of the American Society for Public Administration (ASPA) (1994 to present).
- * Board Member of ASPA's Greater Houston Chapter, (2018 to present)
President, Greater Houston ASPA Chapter (2015 – 2017).
- * Board Member, ASPA's *Section on Environmental and Natural Resource Administration (SENRA)* (2018 to present)
Section Chair, SENRA, 2014 Fall to 2017 Fall
Editor, SENRA Newsletter, 2014 to 2017
Treasurer, SENRA, Spring 2006 to 2014 Spring

Founder, SENRA Student Paper Competition (2014).

- * Board Member, The Virtual Museum of Public Service.
- * Member, Awards Committee of ASPA's Section of Women in Public Administration (SWPA), 2019 to Present
- * Member, Pi Alpha Alpha, The National Honor Society for Public Affairs and Administration.
- * Member of Policy Studies Organization (PSO), 2009 to 2015
American Political Science Association.
- * Reviewer,
Local Government Studies, Taylor and Francis/Routledge.
- * Editorial Board Member
Journal of Public Management and Social Policy, 2005 to present.
- * Served as a Reviewer for the following Peer Reviewed Journals:
 - *Public Administration Review*
 - *International Journal of Public Administration*
 - *Journal of Public Works, Management and Policy*
 - *Journal of Public Management and Social Policy*
 - *State and Local Government Review*
 - *Public Performance and Management Review*
 - *Social Sciences*
 - *Transportation Research Record (TRB)*
 - *Case Studies in Transportation Planning*
 - *Transactions on Intelligent Transportation Systems*
 - *Sustainability*
- * Track Reviewer for ASPA's 2008 and 2017 Annual Conferences.
- * Executive Committee Member, 2006 to 2010
Committee Member, 2011 to present
ASPA's *Section on Transportation Policy and Administration (STPA)*.

University, School of Public Affairs and Political Science Department Services at Texas Southern University

- * Member, President Council on Equity at Texas Southern University (2018 to 2020).
- * Member, TSU's *Graduate Council* (2013 to present).
- * Judge, TSU's Research Week Oral and Poster Presentations (2018 and 2019).

- * Member, Search Committee for Dean and Associate Dean at Texas Southern University's School of Public Affairs (Fall 2018 to Spring 2019).
- * Member, Search Committee for Director of Student Assessment Services at School of Public Affairs (Fall 2018 to Spring 2019).
- * Member, Southwestern Business Administration Teaching Conference Committee (2018).
- * Member, Promotion and Tenure Committee of Political Science Department and School of Public Affairs (2014 – 2017).
- * Member, Political Science Department's *Academic Grievance Committee* (2016 to 2019).
- * Member, TSU's Dissertation Awards Committee (2020-2022)
- * Member, TSU's Graduate Council's *Travel Awards Committee* (2015 – 2016).
- * Member, Texas Southern University's *Strategic Planning Committee* (2015).
- * Member, School of Public Affairs Research Committee (2015 to 2019).
- * Member, School of Public Affairs Technology Committee (2018 – 2019).
- * Member, Ad Hoc Election Administration Committee (2018).
- * Member, Library Acquisitions Committee (2018 – 2019 and 2015 – 2016).
- * Dissertation Committee Services at doctoral and masters levels.

Community Services

- * Volunteer, ASPA's Greater Houston Chapter for Public Service Awards Event.
- * Served as Marketing Chair and Internship Coordinator, Booster Club of Dulles High School, Sugar Land, Fort Bend Independent School District (FBISD).
- * Volunteer, Dulles High School, Quail Valley Middle School of FBISD ,Texas Math and Science Coaches Association's (TMSCA) regional and final competitions
- * Organize and participate in fund raising activities of the Booster Club at Dulles High School (FBISD).
- * Volunteer, local elementary and middle schools of FBISD on Career and Earth Days.

- * Volunteer at a local Food Bank in Stafford, Texas.
- * Volunteer, Asian Women Against Domestic Violence.