

TANUSHREE BHAN

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EDUCATION

Ph.D., Public Policy, University of Massachusetts Boston	2020
<i>Dissertation title:</i> “Potty Politics: Investigating the Policymaking Processes of Sanitation Service to the Urban Poor in Delhi, India”	
M.A., Economics, University of Mumbai, India	2008-2010
B.A. (Honors), Economics, University of Delhi, India	2004-2007

RESEARCH ACTIVITIES, INTERESTS, & SKILLS

Manuscripts Published

Bhan T & A Patel (2023). Migration and Health: Exploring the effect of destination on the health outcomes among rural-urban migrants in India. *Social Science & Medicine*. 331:

Available at: <https://www.sciencedirect.com/science/article/abs/pii/S0277953623004367>

Bhan T (2022). Deserving Poor in Public Sanitation: Tracing the Policymaking Processes of Who Gets What, When, How, and Why in Delhi. *Environment and Planning B: Urban Analytics and City Science*, 49(8), 2151-2167: SAGE. Available at: <https://doi/10.1177/23998083221089325>

Patel A, Borja-Vega C, Mimmi, L M, Soukup T, Kolomaznik, J., **Bhan, T**, Mundt, M. D., & Lee, H. (2022). Predicting housing deprivation from space in the slums of Dhaka. *Environment and Planning B: Urban Analytics and City Science*, 49(8), 2112-2128. SAGE. Available at: <https://doi.org/10.1177/23998083221123589>

Manuscripts Submitted

Sinharoy S S, Xia D, Patrick M, McManus S, Chipungu J, Reddy M Y, Ahmed T, Mink T, Pan Y, **Bhan T**[^], Conrad A, Caruso B A. (2024). The Agency, Resources, and Institutional Structures for Sanitation-related Empowerment (ARISE) Scales: Psychometric evaluation across eight cities in Asia and Africa. Preprint DOI:[10.21203/rs.3.rs-4571408/v1](https://doi.org/10.21203/rs.3.rs-4571408/v1)

Bhan T, Caruso B A, & Sinharoy, S S. (2024). Women’s health and empowerment for sustainable development: Examining the association between women’s sanitation burden and agency in Asia and Africa.

Manuscripts in preparation

Bhan T (2024). Risk exposure and internal political efficacy : A latent class analysis of women’s exposure to unsafe sanitation and its association with self-efficacy to engage service providers in Asia and Africa.

Shakeel Z, Caruso B A, Patrick M, Mink T, **Bhan T**[^], Sinharoy S S. (2024). Heavy menstrual bleeding and association with sub-domains of women’s empowerment in low- and middle-income countries: A multinational cross-sectional study. *Manuscript in preparation for Special Issue on Gender and Sanitation in Urban Contexts” in Health & Place*

Stephan N, Patrick M, Mink, T, Ahmed A, Ahmed T, **Bhan T**[^], Sinharoy S S, Caruso B A. (2024). Examining the association between women’s decision-making roles in sanitation and well-being in urban Bangladesh. *Manuscript in preparation for Special Issue on Gender and Sanitation in Urban Contexts” in Health & Place*

Peer-reviewed Research Reports and Policy Briefs

Sinharoy, S.S, McManus, S., Patrick, M., Mink, T., Xia, D., McKinley, N., Cloherty, S., **Bhan, T**[^], Caruso, B. A. (2023) The Agency Resources, and Institutional Structures for Sanitation-Related Empowerment (ARISE) Scales: User Guide.

Mathur V, Howard N, Lazarus J, **Bhan T**, Ardhapure S, B Devasharma. (2023). How to set up, manage, and study a UBI+ experiment: The case of the ‘WorkFREE’ project in Hyderabad, India. *University of Bath (UK)*

Available at:

https://purehost.bath.ac.uk/ws/portalfiles/portal/311420166/WorkFREE_process_Documentation_V1.pdf%E2%80%A6

Bhan T, Valenti F, and Satheesh V. (2022). The Haqdarshak Model: A tech-enabled approach to promote access to social protection and women’s livelihoods. Report submitted to the Gender team at BMGF India, New Delhi

Bhan T (2022). Re-imagining entrepreneurship models for rural women (part II). *Evidence Consortium on Women’s Group (USA)*

Available at: <https://womensgroupevidence.org/re-imagining-entrepreneurship-models-rural-women>

Bhan T (2021). Women’s collectives and individual enterprise: A livelihoods model for rural women in central India (part I). *Evidence Consortium on Women’s Group (USA)*

Available at: <https://womensgroupevidence.org/womens-collectives-and-individual-enterprise-livelihoods-model-rural-women-central-india>

Bhan T (2018). How bureaucracies benefit from political patronage in the distribution of public services. *Center for the Advanced Study of India. University of Pennsylvania (USA)*

Available at: <https://casi.sas.upenn.edu/iit/politics>

Note: ^ author line-up is based on the convention of crediting contribution followed in Public Health

Research Interests

Politics of poverty in welfare policy and public service delivery

Gender inequality in public health, formal labor markets, and political participation and representation

Bureaucratic norms in policymaking for the poor

Policy feedback and political behaviors of the poor

Research methods

Research Skills

Quantitative Method: Experimental and Quasi-experimental research design (sampling and power calculations; survey design, including stated preferences/choice experiment modules), Advanced Econometrics (Difference-in-Differences, Matching methods, Multi-level models, Choice Analysis, Latent Class Analyses, Bayesian Simulation, Panel OLS and Nonlinear Regression), Psychometric Analyses (EFA, CFA, MG-CFA, Reliability testing), Cultural Consensus (social network) Analysis

Qualitative Method: Protocol design and data collection via Cognitive Interviews and in-depth interviews with Key informants and Government Elites; Thematic Analysis, Process-tracing

Software Proficiency: STATA (advanced), NVivo (advanced), UCINet (beginner), ArcGIS (beginner)

Project Management: Training teams of surveyors and interviewers; directly engaging funders and government partners via project-related presentations, reports, and policy memos; recruiting research assistants and training them in research design and data and project management.

WORK EXPERIENCE

Postdoctoral Fellow
Rollins School of Public Health
Emory University

July 2023 – July 2024

- Analyzing and publishing findings from a comprehensive multi-country, cross-sectional survey data on women’s empowerment in urban sanitation. The study is led by Dr Bethany Caruso and Dr Sheela Selin Sinharoy at the Rollins School of Public Health at Emory University. It is designed to measure and validate sanitation-related empowerment scales in eight cities across India, Bangladesh, Uganda, Zambia, and Senegal. The Agency, Resources, and Institutional Structures for Empowerment (ARISE) scales comprise 16 sub-domains of sanitation-related empowerment. This study is funded by the Bill & Melinda Gates Foundation.
- Conducting psychometric validation of some menstruation-related ARISE scales.
- Mentoring project staff and graduate students at Rollins in their research projects that use the ARISE dataset.
- Supporting project team in developing research outputs from ARISE, such as policy briefs and presentations for the donor and other policy stakeholders in five countries.

Consultant
Social Sustainability & Inclusion, The World Bank
New Delhi, India

November 2022 – June 2023

- Analyzing large secondary datasets such as Demographic and Health Surveys and state and federal elections datasets of India for a chapter on women’s political voice and agency in the Country Gender Assessment report of the World Bank.
- Analyzing a longitudinal dataset on women’s employment, time-use, and wellbeing indicators in India to prepare summary research outputs like policy notes for the Task Team Lead

Consultant (Quantitative Project Lead)
WorkFREE project, University of Bath (UK)

November 2022 – June 2023

- Leading the design, implementation, and analysis of three rounds of quasi-experimental survey data to measure the impact of unconditional cash transfers (UCTs) on labor choice, consumption, and psychosocial wellbeing of slum residents in the southern Indian city of Hyderabad. The survey includes a conjoint experiment module that I designed to understand labor preferences and a budget game to track consumption preferences among participating households at baseline, midline, and endline.

- Engaging state government officials on improving social protections for the poor via a UCT-type basic income welfare policy design.
- Writing research outputs such as policy notes, and presentations for knowledge-sharing at academic conferences.

Research Fellow
Financial Wellbeing & Social Protection
IFMR-LEAD at Krea University
New Delhi, India

March 2021 – October 2022

Principal/ Co-Principal Investigator on 4 projects:

- Leading a mixed-method impact evaluation RCT study on the potential of mobile technology for (i) improving livelihoods and psycho-social wellbeing of trained rural women, and (ii) welfare enrollments in their target communities in 256 villages in northern and central Chhattisgarh, India. It also entails a separate cost-effectiveness evaluation of the training program as an intervention to generate new livelihoods opportunities for rural women. The study is funded by the Bill & Melinda Gates foundation, and supported by the Government of Chhattisgarh.
- Leading a quantitative quasi-experimental evaluation to the study the impact of a livelihoods training-cum-basic income guarantee program for improving economic wellbeing of a cluster of tribal women across 9 villages in Bastar, Chhattisgarh. This study also includes an expenditure game module to understand preferences for utilizing profits earned from sale of tamarind products made by cluster members. The study is funded by the Bill & Melinda Gates foundation, and supported by the Government of Chhattisgarh.
- Leading a quantitative assessment on the [WorkFREE](#) project - a mixed-method quasi-experimental study on the effect of unconditional cash transfers on labor choices, wellbeing, and solidarity among predominantly waste-picking households across 4 slums in Hyderabad, India. This 18-month study is being undertaken in collaboration with the University of Bath, United Kingdom, and the India Network for Basic Income (INBI), Hyderabad. The study is funded by the European Research Council, and cash transfers stop in December 2023.
- Leading qualitative investigation of a mixed-method study that aims to develop and test social and gender norms in South Asia. The objective of the study is to develop a standardized measurement for the influence of norms on female laborforce participation that is grounded in the normative complexities within and across India, Bangladesh, and Pakistan. Evidence from this study will be critical to design effective research and policy interventions to improve female laborforce participation, rebalance care work within households, and prevent intimate partner violence. This study is in collaboration with the American Institutes for Research in the US, and is funded by the World Bank.

Senior Associate (*pro bono service during COVID-19 lockdown*)
Centre for Holistic Development (CHD), New Delhi

August 2020 – March 2021

Activities:

- Designing surveys to identify the type and extent of government documents held by urban homeless populations in Delhi, migration history and household size, and their inclusion in formal banking institutions.
- Preparing case dossiers for the legal team at the Centre for public interest litigations in the Delhi High Court to protect fundamental rights and promote welfare of the homeless

- Writing grant proposals for the organization to obtain funding from private entities and other donor organizations.
- Enrolling eligible homeless persons (seniors, disabled, and single mothers) into government welfare programs in Delhi.
- Writing grievance letters to Delhi government agencies based on the NGO's appraisal of government-run homeless shelters and complaints received from shelter residents.

Indian Council for Research on International Economic Relations (ICRIER), New Delhi

May 2011 – April 2014

Research Associate
Research Assistant

July 2013 – April 2014
May 2011 – June 2013

Project Title: Program on Research, Capacity Building and Knowledge Dissemination on Urbanization in India

Funding Organization: Ministry of Urban Development, Government of India
Project period: September 2012 – December 2014

Primary Responsibilities

- Research Assistance to Dr Isher Judge Ahluwalia on her academic papers, Planning for Urban Development in India and Meeting Urban Infrastructure Investment Deficit in I. J. Ahluwalia et al. (eds.) *Urbanisation in India: Challenges and The Way Forward*. Sage Publications. 2014
- Research Assistance to Dr Ahluwalia on her book *Transforming our Cities: Facing up to a Growing Challenge*. Harper Collins. 2014
- Research Assistance to Dr Ahluwalia on her academic paper, The Opportunity of Urbanisation in Bihar, in N. Stern and N. K. Singh (eds.) *Governance & Development: The Story of New Bihar*. Harper Collins. 2013.
- Organizing monthly capacity building and knowledge dissemination workshops for state and local urban officials to present research findings on Urban Sanitation findings of the report of the High-Powered Expert Committee on Urban Infrastructure and Services (HPEC, Ahluwalia 2011) across Indian cities.

Project Presentations

- Research seminar on working paper, *Using GIS for Greater Efficiency in Operations and Better Delivery of Services by Urban Local Bodies in India*. ICRIER. August 30, 2013
- Presentation on the Highlights and Recommendations of the HPEC Report in Bhopal (October 11, 2012), Delhi (January 29, 2013), Chandigarh (February 20, 2013), Guwahati (April 30, 2013), Pune (June 17, 2013), and Trivandrum (August 26, 2013)
- Presentation on *Improving urban service delivery through e-Governance* at the Administrative Staff College of India (ASCI), Hyderabad, November 6, 2012

PROFESSIONAL ACTIVITIES

Peer Journal Reviewer

BMC Public Health
Environment and Planning, (SAGE)
Housing and Society (Taylor & Francis Group)
Public Library of Science, PLOS

Utilities Policy (Elsevier)

Presentations at Conferences and Invited Talks

- Paper Presentation on the panel “Women, Gender, and Politics Research” (upcoming) * Sept 2024
American Political Science Association, Philadelphia
- Invited Speaker, *Research in an International Context* Spring 2024; Spring 2021
Research Methods II (Core Course: PPOL-G 631)
Department of Public Policy and Public Affairs
University of Massachusetts Boston
- Paper Presentation on the [panel](#) “Urban Health & Quality of Urban Life” April 2024
Urban Affairs Association Conference, New York
- Panelist, *How to Build a Universal Basic Income Pilot* July 2023
Summer School Workshop, Freiburg Institute for Basic Income Studies
Germany
- Panelist, *Effects of Unconditional Cash Transfers on Wellbeing and Demand for Government Services* * June 2023
Expanding Social Protection Coverage to Informal Workers: Building a Global Evidence base.
[International Conference on Public Policy](#), Toronto
- Invited Speaker, *The Role of Think-tanks in Policymaking* October 2022
Jindal School of Government & Public Policy
OP Jindal Global University, Sonapat (Haryana, India)
- Panelist, *WorkFREE: A Universal Basic Income Pilot in India* October 2022
Freiburg Institute for Basic Income Studies (FRIBIS) Annual Conference, Germany
- Invited Speaker, *Krea University Faculty Seminar on Deserving Poor in Public Sanitation* April 2022
Faculty Lectures
Krea University, Chennai
- Speaker, *Improving last-mile delivery of financial services and welfare programs* November 2021
[Global Plenary Session](#), Financial Inclusion Week, Accion International
- Paper Presentation, *Subaltern Voice and Social Movements in Postcolonial India* April 2016
New York State Political Science Association. New Paltz, New York.
- Discussant, *Women and Economic Risk Exposure*, February 2016
Eastern Economic Association. Washington D.C.

* *Cannot/could not travel to present due to visa processing delays*

GRADUATE TEACHING ASSISTANTSHIPS

- Analytical skills for Policy Analysis* (Course level: 620) Spring 2017
Economics for Policy Analysis (Course level: 621) Fall 2016
Organizational Theory (Course level: 641); *Foundations of Public Policy* (Course level: 612) Spring 2016
Statistics for Policy Analysis (Course level: 604; 620) Spring 2015 – Fall 2015

ACADEMIC AWARDS/GRANTS

- McCormack Graduate School Dean’s Award for Public Service, Spring 2020

University of Massachusetts Boston

Doctoral Dissertation Research Grant Program, Office of Graduate Studies	Fall 2018
Doctoral Research Grant, Office of the Vice Provost for Global Programs	Fall 2017
Merit Scholarship, Department of Economics, University of Mumbai, India	2009-2010
Indira Gandhi Postgraduate Merit Scholarship, Government of India	2008-2010

ACADEMIC & NON-ACADEMIC REFEREES

Dr Sheela Selin Sinharoy (Postdoc Supervisor)
Assistant Professor, Hubert Department of Global Health, Emory University
Email: sheela.sinharoy@emory.edu

Dr Amit Patel (Ph.D. Advisor)
Assistant Professor, McCormack Graduate School, University of Massachusetts Boston
Email: amit.patel@umb.edu

Dr Fabrizio Valenti (Manager, IFMR-LEAD)
Senior Consultant, KSAR Consulting Group Inc., Ontario
Email: Fabrizio.valenti@ksar.co