

Curriculum Vitae

Dr. Sudheer Kumar Shukla

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Career Objective

To contribute to evidence-based policymaking and research in health systems, leveraging my expertise in health financing, health equity, non-communicable diseases, multimorbidity and public health to address pressing healthcare challenges and promote equity in access and utilization.

Professional Experience (12 Years+ Experience)

Specialist – Health Financing & M&E and Data Analysis Expert

January 2023 - Present

Health Systems Transformation Platform (HSTP), New Delhi

a) M&E and Data Analysis Expert

April 2024 - Present

National Programme for Prevention and Control of NCDs (NP-NCD)
Health Systems Transformation Platform (HSTP), New Delhi

Roles and Responsibilities

- Leading Monitoring and Evaluation (M&E) and data analysis for the National Programme for Prevention and Control of Non-Communicable Diseases (NP-NCD) across 45 aspirational districts in seven states: Chhattisgarh, Jharkhand, Karnataka, Maharashtra, Meghalaya, Odisha, and Rajasthan.
- Designed and authored comprehensive Baseline Reports (December 2023) and Quarterly Reports (Till March 2025) for all 45 districts, consolidating state-wise insights into a detailed summary report.
- Utilized advanced statistical and analytical tools to extract, interpret, and visualize data trends for NCD prevalence, screening, treatment, and health system performance.
- Currently coordinating the development of quarterly reports, offering district and block-level insights to enhance NCD-related interventions and resource allocation.
- Collaborated with NCD backend teams, state and district-level stakeholders to streamline reporting, improve data quality, and support evidence-based policymaking.
- Presented actionable recommendations based on baseline and quarterly findings, focusing on reducing disparities in disease burden, treatment adherence, and healthcare accessibility.

Key Achievements:

- Delivered high-quality district-level Baseline and Quarterly Reports to Tata Trusts on time, aligned with international publication standards.
- Enhanced program monitoring by identifying critical gaps and high-risk regions, ensuring tailored interventions and policy alignment at the state level.
- Played a pivotal role in generating insights that shaped NCD management strategies across seven states.

b) Specialist – Health Financing

January 2023 to March 2024

Health Financing and Planning Department
Health Systems Transformation Platform (HSTP), New Delhi

Roles and Responsibilities

In my role as a Specialist – Health Financing at the Health Systems Transformation Platform (HSTP) in New Delhi, I focus on optimizing healthcare investment strategies across Indian states, which includes coordinating with state authorities to collect financial data, identifying resource needs, conducting costing exercises, analyzing state budgets to facilitate subsequent budget preparation, aligning resource allocation with budget constraints, and advocating transitioning the government from input-based financing to result-based financing. I am leading a research study on the ‘Assessment of Health Systems Efficiency in India’ and the financial implications of multimorbidity in India. Additionally, I conduct desk reviews and develop and deliver research reports and scholarly articles to contribute insights to program design and operational strategies, aiming to enhance efficiency and effectiveness in healthcare resource management. I am also responsible for collecting and compiling financial details of input costs for providing services at various facility levels in states, as well as preparing cost estimates for an identified list of services to be provided at different facility levels. Furthermore, I am tasked with deriving and projecting the total resources required for the health sector budget and shortlisting the inputs into the plan while matching the available resources with the resource envelope in collaboration with the planning team in the state. I am also responsible for documenting the framework, methodology, and procedures for planning and resource allocation for health, and supporting the team lead in establishing and implementing review mechanisms for proposed research work.

Roles and Responsibilities

- Analyzed Citizen Survey datasets under the leadership of Prof. Vikram Patel and participated in drafting the report for "The Lancet Citizens' Commission Citizen Survey." Responsibilities include data cleaning, analysis, modeling and support for papers and reports derived from the Citizen Survey dataset. This Citizen's report is under review in *The Lancet* journal.
- Actively involved in co-authoring several papers under the Lancet Citizens' Commission umbrella, focusing on key topics such as health financing, equity, and healthcare utilization patterns in India. Key contributions in given papers:
 - Comparison of Disease Patterns, Resource Utilization, and Patient Experience with AYUSH and Allopathic Outpatient Consultations in India: Data analysis and draft writing.
 - Telemedicine Use in India: Analysis of Demographic Characteristics, Health Status, and Healthcare Preferences among Teleconsultation Seekers and Non-seekers: Data analysis and draft writing.
 - Willingness-to-pay (WTP) and Benchmarking Health Financing in India: Data analysis and draft writing.
 - Mind the Gap: Exploring Discrepancies Between Households' Stated and Revealed Preferences for Healthcare Providers in India: Data analysis and draft writing.
 - Understanding Digital Disparities in India: Patterns of Technology Adoption Across Regions and Communities: Data analysis and draft writing.
 - Understanding equity in health financing: Supply and demand-side correlates of out-of-pocket expenditures in India: Data analysis and draft writing.
 - Database/Methodology paper: Data analysis and draft writing and review processes.

Roles and Responsibilities

- Contributed to a research project led by Dr. Nachiket Mor, 'Estimating healthcare costs required for achieving Universal Health Coverage (UHC) in India'. This involved using normative and inside-out approaches to estimate per capita costs, addressing gaps between UHC and current government offerings.
- Contributed to questionnaire preparation, data cleaning and data analysis of India's Citizens' Survey, which covered 50,000 households across 121 districts in India.

Research Contributions:

- Co-authored Working Paper Series No. 9 titled "Is Affordable Housing Really Affordable for the Urban Poor?" (July 2018).
- Co-authored Working Paper Series No. 8 titled "Exclusion in Elementary Education and the RTE Act" (May 2018).

Report Preparation:

- Developed Monthly Talk Reports on poverty discourse.
- Prepared Annual Discourse Reports for 2017 and 2018, focusing on key socio-economic determinants of poverty themes.

Survey and Data Analysis:

- Organised and supervised the survey for the Shatabdi Gram Yojana in Mandasaur District, Madhya Pradesh.
- Contributed to data cleaning, analysis, graph presentation, and report writing for the Ahimsa Gram Yojana Report, based on a survey conducted in Ratlam District, Madhya Pradesh.

Roles and Responsibilities in different Projects at Institute for Human Development

Evaluating Impacts of Nodal Anganwadi Centers in Bihar, India: A Quasi-Experimental Approach

(May 2015-February 2017)

- As part of the Uddepan programme evaluation, an initiative to improve the working of Anganwadi Centers (AWCs) through the development of a Nodal Anganwadi Center (Uddepan Kendra) and the appointment of an additional worker, the Uddeepika, my primary responsibility was to ensure the smooth execution of the research project. The Bihar Technical Assistance Team (B-TAST), supporting the Government of Bihar under the DFID sponsored Sector-wide Approaches to Strengthen Health (SWASTH) programme, was the implementing agency for the project.
- My tasks included preparing research tools for all aspects of the project, including sampling design, questionnaire preparation, organizing a pilot testing survey, conducting five-day training sessions for field investigators in Patna, monitoring field investigators

during the field survey in Supaul and Madhepura districts of Bihar, manual data scrutiny, data entry in access-2007, second stage data cleaning in Stata-13 software, data analysis, and regression modeling.

- I worked in collaboration with the Global Development Network (GDN) and International Initiative for Impact Evaluation (3ie). Throughout the project, I ensured that the research was conducted ethically and in compliance with all applicable regulations and guidelines. My efforts helped to produce a comprehensive report that provided valuable insights into the impact of the Uddepan programme on the functioning of Anganwadi Centers in Bihar.

Daman & Diu and Dadra & Nagar Haveli – Human Development Report 2015

(October 2014-October 2016)

- I was responsible for contributing to the assessment of human development indicators in Daman & Diu and Dadra & Nagar Haveli through the Proposed Human Development Report. This report aimed to evaluate both traditional human development indicators such as income, education, health, and tourism, as well as contemporary multidimensional indicators.
- My primary responsibility was to collaborate with both internal and external teams to develop survey and evaluation tools and prepare screening and household questionnaires. Additionally, I was responsible for preparing the questionnaire, conducting five days of CSPro-6.1 software training for data entry purposes, conducting social mapping, and delivering other field-related trainings to field investigators. I was also responsible for monitoring field investigators during field surveys conducted in Daman & Diu and Dadra & Nagar Haveli.
- Throughout the project, I worked closely with the U.T. Administration of Daman & Diu and the U.T. Administration of Dadra & Nagar Haveli, as they provided both financial and technical support for this work. My responsibilities helped ensure the successful execution of the project, ultimately contributing to a better understanding of the human development indicators in these regions.

Assessing the impact of civil society interventions in uptake of targeted health insurance scheme in India: Evidence from Rashtriya Swasthya Bima Yojana (RSBY) in West Bengal and Jharkhand

(October 2013-November 2014)

- As part of the study aimed at assessing the impact of civil society interventions in the uptake, benefits, and implementation of Rashtriya Swasthya Bima Yojana (RSBY), my primary responsibility was to contribute to the development of research tools, including the sampling design, questionnaires, and other survey materials.
- Additionally, I was responsible for conducting field investigations, training field investigators, and monitoring their progress during data collection. I was also responsible for manual data scrutiny, data entry in Access 2007, second stage data cleaning in Stata11 software, data analysis, regression modeling, and preparation of a draft report.
- The study was conducted in two PACS and two non-PACS districts in West Bengal and Jharkhand. My contributions helped to evaluate the effectiveness of civil society interventions in improving the uptake, benefits, and implementation of RSBY, providing valuable insights for policymakers and program managers.

Equity Impacts of a Targeted Health Insurance Scheme: New Evidence from India's Rashtriya Swasthya Bima Yojana

(July 2012-September 2014)

- As a part of the proposed research project, my primary responsibility was to undertake various tasks to assess the impact of Rashtriya Swasthya Bima Yojana (RSBY) in improving health equity, healthcare services utilization, and reducing financial risks. I worked closely with internal and external teams to design research tools, including sampling design, prepare questionnaires, conduct pilot testing surveys, and organize training sessions for field investigators. Additionally, I supervised field investigators during the survey and monitored their progress, ensuring quality control and timely completion of the survey.
- My other key responsibilities included manual data scrutiny, data entry in Access 2007 software, second stage data cleaning in Stata-11 software, data analysis, regression modeling, and preparation of a draft report. I worked collaboratively with the team to ensure that the research was conducted accurately, efficiently, and met the objectives set by the project.
- The research project was supported by the Indian Council of Medical Research (ICMR).

The Determinants of Food Security & Nutrition in Tribal & Backward Areas in Jharkhand

(October 2012-October 2013)

- In this project, I was responsible for conducting an intensive survey of 600 households from 4 tribal-dominated districts in Jharkhand (Dumka, Purbi Singhbhum, Palamu, and Gumla) to assess the potential impact of public programs and safety nets on food security and nutrition outcomes. My responsibilities included analyzing secondary data sources such as NFHS-3 and NSS 66th round (Schedule 1.0) to prepare first draft report. Additionally, I designed and prepared draft questionnaires for the household survey, organized and conducted pilot testing, monitored data collection, processed primary data, and performed data analysis and regression modeling for primary data survey.

Equity in Coverage for Select Chronic Diseases in India (WHO)

(October 2012-January 2013)

- Conducted a desk review of existing publications produced between 2000 and 2012 that include data on inequities in effective coverage for select non-communicable diseases (NCDs) in India.
- Performed search term strategy and compiled the initial list of articles from PubMed, IndMed, and other advanced search engines.
- Analyzed data using the Tanahashi framework for effective coverage and prepared a draft report based on the findings.
- Received financial and technical support from the World Health Organization (WHO) for this work.

Field Investigator

June 2009 to November 2009

Watershed Support Services and Activities Network (WASSAN)

- I was involved in a sponsored project entitled "Impact Assessment of Watershed Programs in Uttar Pradesh" funded from National Institute for Rural Development (NIRD).
- Led a team of field investigators and was responsible for conducting key informant interviews, communicating with other investigators, monitoring their work, conducting walk-through observations, and conducting case study surveys at the village level.

- Conducted social mapping and wrote a draft of field experiences.
- Performed manual data scrutiny to ensure data quality.

Previous Consultancy Work Details

- Worked as an **Individual Consultant (RA)** to the **Population Council, Delhi** for projects ‘Growing Livelihood Opportunities for Women (GLOW)’, ‘Research on Child Labour and Education in India’ and ‘DCAP role for GFEMS in India’ from 1st March 2021 to 12th April 2021. (1.5 Months)
- Worked as an **Individual Consultant** (Supporting National Urban Health Mission - Peer Reviewer (47354-003) to the **Asian Development Bank (ADB)** for a project funded under TA-8899 from 10th January 2020 to 27 May 2020. (3.5 Months)
- Worked as a **Research Consultant** at the **Centre for Health Economics, University of York** on the project ‘*Compilation and development of a database comprising social and health indicators for India*’ from February 15, 2019, to April 30, 2019, with deliverables including a properly labeled dataset in standard spreadsheet format containing data for all variables/indicators for major Indian states for the period 1995-2015, along with proper references/data sources for all consulted data sources and/or other available secondary datasets used. (2.5 Months)
- Worked as a **Research Consultant** at **Human Development Society** for project ‘*Early Childhood Care and Education, and Level of School Readiness: A Comparative Assessment of Baseline and End line Dynamics*’ submitted to **Save the Children**, from 1 February 2019 – 31 March 2019. (2 Months)
- Worked as a **Research Consultant** at **Institute for Human Development** for project ‘*Microeconomic Impacts of Non-Communicable Diseases in India*’ submitted to **ICSSR** from 14 May 2018 – 14 September 2018. (4 Months)
- Worked as a **Research Consultant** at **Institute for Human Development** for project ‘*Women’s Status, Health and Family Planning in India: Regional and Intergenerational Analysis*’ submitted to **Population Foundation of India (PFI)** from 15 February 2017 to 15 December 2017. (10 Months)
- Worked as a **Consultant** at the **Institute of Economic Growth**, New Delhi, for an ICSSR-sponsored project entitled ‘Cross-Border Migration in Assam during 1951–2011: Magnitude, Process, and Socio-Economic Consequences’ from 15 December 2013 to 14 March 2014. Responsibilities included preparing draft questionnaires for the household survey, conducting data analysis, and projecting the population for the year 2020 using the cohort-component method based on Census data from 1970 to 2011 for the initial draft report (3 months).

Paper Accepted (1)

- Singh, Nishikant, **Shukla, Sudheer Kumar** et al. (2025). “Burden on the burdened: A stratified analysis of Tuberculosis among tribals and non-tribals in Constitutionally protected Scheduled and Non-Scheduled Areas of India”, *Infectious Diseases of Poverty*.

Paper Published (11)

- Singh, N., **Shukla, S. K.**, John, P., Bajpai, R., Chugh, P., Sengupta, R., ... & Sadanandan, R. (2025). Unveiling the twin epidemics of hypertension and diabetes: a cross-sectional analysis of sex-specific prevalence, risk, and hotspots in India’s epidemiological transition zones. *BMC Public Health*, 25(1), 1-21.
- Sengupta, R., Bajpai, R., **Shukla, S. K.**, Singh, N., & Singh, N. (2025). Sedentary work and expanding waistlines: a cross-sectional study on occupational roles and abdominal obesity in India. *BMC Public Health*, 25(1), 748.
- **Shukla, S. K.**, John, P., Khemani, S., Nair, A. S., Singh, N., & Sadanandan, R. (2025). Assessing the financial burden of multimorbidity among patients aged 30 and above in India. *BMC Health Services Research*, 25(1), 86.
- Mor, N., & **Shukla, S. K.** (2023). Estimating funds required for UHC within Indian States. *Lancet Reg Health Southeast Asia*; 13:100165.
- **Shukla, S. K.**, Singh, N., & Mazumdar, S. (2023). Multiple Chronic Conditions as Predictors of Inequality in Access to and Use of Health Services Among the Elderly in India. In *Handbook of Aging, Health and Public Policy: Perspectives from Asia* (pp. 1-29). Singapore: Springer Nature Singapore.
- Kumar, A., & **Shukla, S. K.** (2022). Affordable Housing and the Urban Poor in India. *Social Change*, 52(1), 58-75.
- Tamrakar, V., Srivastava, A., Saikia, N., Parmar, M. C., **Shukla, S. K.**, Shabnam, S., Boro B, Saha A., & Debbarma, B. (2021). District level correlates of COVID-19 pandemic in India during March-October 2020. *PloS one*, 16(9), e0257533.
- Kumar Singh, P., Singh, N., Jain, P., **Shukla, S. K.**, Singh, L., & Singh, S. (2021). Slum and non-slum differences in tobacco and alcohol use among the adult population: a sex-stratified study from eight megacities of India. *Journal of Substance Use*, 1-1.0.
- Kumar, A., **Shukla, S.K.**, Panmei, M., & Narayan, V. (2019). “Right to Education Act: Universalization or Entrenched Exclusion?” *Journal of Social Inclusion Studies*, Sage Publication. Jun 2019, vol. 5, Issue 1.
- Singh N, Koiri P, **Shukla S K** (2018) “Signposting invisibles: A study of the homeless population in India”, *Chinese Sociological Dialogue*, SAGE Publication.
- Singh N, **Shukla S K** (2017) “Does Violence affect the use of Contraception? Identifying the Hidden Factors from Rural India”, *Journal of Family Medicine & Primary Care*.

Reports (6)

- Mazumdar S, Singh P K, **Shukla S K** (2016) “Impact Assessment Study on Rashtriya Swasthya Bima Yojana (RSBY)” Study Report Submitted to Poorest Area Civil Society (PACS), New Delhi.
- Mazumdar S, Singh P K, **Shukla S K** (2015) “Health Status, Health Services Use and Extent of Financial Risk Protection among Urban Poor: Evidence from Delhi” prepared under the Delhi Government Chair on Human Development Issues and Human Development towards bridging Inequalities (HDBI) Project.
- **Shukla S K** (2015) “Statistical Bulletin on Health Care Services” prepared under the Delhi Government Chair on Human Development Issues and Human Development towards bridging Inequalities (HDBI) Project.

- Garg C C, Mazumdar S, **Shukla S K** and Mehra N (2014) “Barriers to and Inequities in Coverage and Financing of Health of the Informal Workers in India” India Infrastructure Report 2013-14.
- Garg C C, Mazumdar S, Mazumdar P G, Goyanka R, and **Shukla S K** (2013). “Equity in Universal Coverage for Selected Chronic Diseases in India”. Population Health and Nutrition Research Programme, Institute for Human Development. Draft submitted to WHO, India Country Office.
- Mazumdar S, Dayal H, Satija S, **Shukla S K**, Kumar A (2013). “Determinants of Food Security and Nutrition in Tribal and Backward Areas, Study”. Report submitted to the World Bank, Population Health & Nutrition Research Program, Institute for Human Development, New Delhi.

Academic Qualifications

Degree	Board/University	Major subject(s)
Ph.D.	Jawaharlal Nehru University	Population Studies, (Ph.D. Topic: <i>Health Shocks and Wellbeing among Urban Lower Middle Income Group: A Case Study of NCT of Delhi</i>) under the supervision of Prof. Nandita Saikia
MPS/M.Phil.	International Institute for Population Sciences (IIPS)	Population Studies/Demography
M.A. (Private)	Vikram University, Madhya Pradesh	Sociology
M.A.	University of Lucknow	Population Education and Rural Development
B.Sc.	University of Lucknow	Physics, Mathematics, Electronics

Awards/Fellowships

- Qualified National Eligibility Test (**UGC-NET**) for lectureship in ‘Population Studies’ in June 2013, June 2015 & July 2016.
- Received a Travel Award for Collaboration meeting by **Lund University**, Sweden in 2014.
- Received a Travel Award in annual meeting of the **Population Association of America (PAA)**, Boston, Massachusetts, USA, 2014.
- **Government of India** Fellowship for MPS/M.Phil. Program 2010-12 at International Institute for Population Sciences (IIPS), Mumbai.

References

1. Dr. Nachiket Mor Visiting Scientist, The Banyan Academy of Leadership in Mental Health Email: nachiket@nachiketmor.net	2. Dr. Sumit Mazumdar Research Fellow (Global Health), Centre for Health Economics, University of York, Icuin A, York, YO10 5DD, U.K., Email: sumit.mazumdar@york.ac.uk
3. Dr. Abhay Kumar Social Policy Specialist - UNICEF, Patna Email: abhayjnu@gmail.com	

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

DATE: June 22, 2025

PLACE: New Delhi

(*Sudheer Kumar Shukla*)