

Dr. Nandini Joshi

Public Health Researcher, Epidemiology

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PROFILE

Epidemiologist designing and evaluating community health programmes for women and children. Experience across field trials, health-system research and policy translation in four Indian states.

EDUCATION

Ph.D., Epidemiology <i>Hollins School of Public Health</i> Dissertation: Community approaches to childhood anaemia	2014 – 2019
M.P.H. <i>Coromandel Institute of Public Health</i>	2011 – 2013
MBBS <i>Coromandel Medical College</i>	2005 – 2010

RESEARCH EXPERIENCE

Senior Research Scientist <i>Institute for Health Systems Research</i> - PI of a cluster-randomised trial across 120 villages on iron supplementation delivery. - Lead a team of 25 field staff and 4 analysts.	2020 – Present
Postdoctoral Fellow <i>Hollins School of Public Health</i> Analysed national survey data on maternal nutrition.	2019 – 2020
Medical Officer <i>Primary Health Centre, Rajasthan</i> Ran outpatient clinics and immunisation drives for 30 villages.	2010 – 2011

PUBLICATIONS

- Joshi, N., Rao, S., & Fischer, A. (2026). Revisiting vaccine hesitancy. *International Conference on Health Systems*, pp. 286–298.
- Joshi, N., & Rao, S. (2026). Designing for vaccine hesitancy. *Tropical Health Review*, 42(3), 142–163.
- Chen, L., Banerjee, P., & Joshi, N. (2026). Measuring vaccine hesitancy. *Epidemiology Methods Letters*, 13(1), 656–672.
- Chen, L., Rao, S., & Joshi, N. (2025). New approaches to vaccine hesitancy. *Journal of Global Public Health Practice*, 29(11), 444–463.
- Joshi, N., & Haddad, N. (2025). A study of childhood anaemia interventions. *Tropical Health Review*, 41(4), 621–629.
- Fischer, A., Joshi, N., & Okafor, D. (2025). Rethinking maternal nutrition supplements. *International Conference on Health Systems*, pp. 625–635.
- Chen, L., Mensah, K., Fischer, A., & Joshi, N. (2024). Designing for air pollution and respiratory health. *Tropical Health Review*, 12(11), 263–271.
- Joshi, N., & Chen, L. (2024). Rethinking vaccine hesitancy. *Epidemiology Methods Letters*, 18(9), 470–491.

- Kim, J., Chen, L., **Joshi, N.**, & Okafor, D. (2024). Revisiting air pollution and respiratory health. *Tropical Health Review*, 25(5), 834–849.
- Joshi, N.**, & Okafor, D. (2023). Designing for air pollution and respiratory health. *Journal of Global Public Health Practice*, 35(10), 422–431.
- Joshi, N.**, & Sato, Y. (2023). Designing for tuberculosis treatment adherence. *Nutrition and Policy*, 47(1), 83–99.
- Joshi, N.**, Fischer, A., & Menon, V. (2023). Towards maternal nutrition supplements. *International Conference on Health Systems*, pp. 310–319.
- Joshi, N.**, & Gupta, R. (2022). Revisiting tuberculosis treatment adherence. *Nutrition and Policy*, 13(10), 247–263.
- Menon, V., & **Joshi, N.** (2022). Revisiting vaccine hesitancy. *Epidemiology Methods Letters*, 8(10), 41–63.
- Okafor, D., Banerjee, P., & **Joshi, N.** (2022). Rethinking vaccine hesitancy. *International Conference on Health Systems*, pp. 160–168.
- Joshi, N.**, Fischer, A., & Kim, J. (2021). Towards vaccine hesitancy. *International Conference on Health Systems*, pp. 620–633.
- Gupta, R., **Joshi, N.**, Haddad, N., & Kim, J. (2021). A study of community health worker programmes. *Nutrition and Policy*, 23(7), 123–139.
- Mensah, K., & **Joshi, N.** (2021). Measuring maternal nutrition supplements. *Epidemiology Methods Letters*, 21(9), 687–702.

CONFERENCE PRESENTATIONS & INVITED TALKS

- Poster: “New approaches to childhood anaemia interventions”, Nutrition and Policy, Bengaluru, 2026.
- Contributed talk: “Measuring air pollution and respiratory health”, Nutrition and Policy, London, 2026.
- Invited talk: “New approaches to childhood anaemia interventions”, Symposium on Global Public Health Practice, New Delhi, 2025.
- Contributed talk: “Measuring maternal nutrition supplements”, Tropical Health Review, Pune, 2025.
- Invited talk: “Measuring childhood anaemia interventions”, Tropical Health Review, Kyoto, 2024.
- Seminar: “Revisiting tuberculosis treatment adherence”, International Conference on Health Systems, Boston, 2024.
- Seminar: “Towards community health worker programmes”, Epidemiology Methods Letters, Pune, 2023.
- Seminar: “Understanding diabetes screening in urban slums”, Symposium on Global Public Health Practice, Bengaluru, 2023.

TEACHING

- Lecturer, Epidemiology Methods (M.P.H.), 2021–present
- Short course on field trials for state health staff (2022, 2024)

GRANTS, AWARDS & HONOURS

- Principal Investigator, maternal and child health trial (2021–2025), USD 1.4M
- Early Career Award, International Conference on Health Systems (2022)
- Doctoral fellowship, Hollins School of Public Health (2014–2019)

PROFESSIONAL SERVICE

- Technical advisor, state nutrition mission (2022–present)
- Reviewer, Journal of Global Public Health Practice

SKILLS

Methods: Cluster-randomised trials, survival analysis, cost-effectiveness, qualitative interviews

Software: Stata, R, ODK, NVivo

Languages: English, Hindi, Marwari

REFERENCES

Prof. T. Nguyen

Professor of Epidemiology, Hollins School of Public Health

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Dr. P. Banerjee

Director, Institute for Health Systems Research

p.banerjee@institute.edu