

Veena Iyer, MBBS MPH PhD

Indian Institute of Public Health Gandhinagar | Opp. Air Force HQ, Lekavada, CRPF P.O | Gandhinagar 382042, Gujarat | Tel:+91-7966740714 | veenaiyer@iiphg.org

EDUCATION

Doctorate, Department of Public Health Sciences Karolinska Institutet	9/2012 – 10/2021 Stockholm, Sweden
Master of Public Health, Global Health Rollins School of Public Health, Emory University	9/2007-5/2009 Atlanta, GA
Bachelor of Medicine and Bachelor of Surgery University of Bombay, Government Medical College, Goa	6/1983-6/1988 Goa, India

PROJECT GRANTS

AWARD - APR project partner, a Belmont Consortium Project (Partner)	2020 – 2023
National Surveillance System for Enteric Fever in India (NSSEFI) Tier 3; Phase II (Co-PI)	2021 – 2023
Public Health Research Initiative Grant (PI)	2015 – 2019
Global Resilience Program Stage 2 (Co-PI)	2015 – 2017
Wellcome Trust Program – Small Grant [PI]	2012 – 2014
MATIND Project, EU (FP7) - Coordinated Phase II in Gujarat	2012 – 2015

PROFESSIONAL EXPERIENCE

Teaching experience

Assistant Professor 6/2009 – 10/2016

Associate Professor 11/2016 -- Present

Indian Institute of Public Health Gandhinagar. Ahmedabad, India

Teaching modules on Disease Surveillance, Reproductive and Child Health and Urban Health, Epidemiology and Research Methodology for Masters and Diploma in Public Health courses.

Related Past Public Health Experience

United Nations Volunteer Medical Officer 11/2005-5/2007

Rio Claro Health Centre Nariva/Mayaro, Trinidad

Served as Medical Officer within the General Practice, Accidents and Emergencies Section

Medical Officer

11/1995-11/2005

Navi Mumbai Municipal Corporation (NMMC) Navi Mumbai, India

Coordinated and directed national health programs at Urban Health Centers (UHCs), designed to address the healthcare needs and prevention efforts for a community of over 50,000 people.

Managed a staff of 50, including anti-larval contract workers, auxillary nurse midwives, insect collectors, staff nurse, pharmacist, lab technician, TB health visitor and clerk.

Responded to disease outbreaks, including malaria, dengue fever, TB, leprosy and cholera

Assessed monthly and annual performance and addressed deficiencies in maternal and child health and disease control indicators

Research Assistant

03/1995–06/1995

Center for Enquiry into Health and Allied Themes Mumbai, India

Developed a benchmark for hospital and nursing home standards, conducted a workshop and prepared a final document as part of the United Nation's Development Project study titled

"Enquiry into the Physical Standards of Health available in the Private Sector in Rural Maharashtra."

Primary Investigator

08/1995-10/1995

Society for Participatory Research in Asia New Delhi, India

Prepared the background paper for an conducted an all-India level consensus meeting of doctors in Delhi to discuss evaluation and assessment of impairments, disabilities in case of Occupational diseases and Accidents.

PUBLICATIONS:

Original Articles:

➤ **Climate and Enteric Fever--- in Ahmedabad and Surat / AMR in Salmonellae / Widal testing**

- **Iyer, V.,** Sharma, A., Nair, D., Solanki, B., Umrigar, P., Murtugudde, R., Jiang, C., Mavalankar, D. and Sapkota, A., 2021. Role of extreme weather events and El Niño Southern Oscillation on incidence of Enteric Fever in Ahmedabad and Surat, Gujarat, India. *Environmental Research*, 196, p.110417.
- **Iyer, V.,** Cottagiri, S.A., Sharma, A., Nair, D., Raval, M.S., Solanki, B. and Mavalankar, D., 2019. Effect of El Niño Southern Oscillations on the incidence of enteric fever in Ahmedabad, India from 1985 to 2017. *Asian Pacific Journal of Tropical Medicine*, 12(12), p.552.
- **Iyer, V.,** Ravalia, A., Bhavsar, K., Cottagiri, S.A., Sharma, A., Vegad, M., Shah, P., Shah, B., Solanki, B., Soni, S. and Mavalankar, D., 2019. Antimicrobial resistance surveillance in typhoidal Salmonella in Ahmedabad in an era of global antimicrobial resistance surveillance systems. *Journal of Global Infectious Diseases*, 11(4), p.153.
- **Iyer, V.,** Sharma, A., Cottagiri AS, Mahapatra S, Purohit RH, Vegad M, Shah P, Shah B, Solanki B, Soni S. A Retrospective Audit of Widal Testing for Enteric Fever in the City of Ahmedabad. *Eastern J Med Sci*. 2018; 3 (2):14-20

➤ **Laboratory capacity for Infectious Diseases surveillance in Gujarat**

- **Iyer, V.,** Chowdhury, N., Rajiva, A., Cottagiri, S.A., Sharma, A. and Mavalankar, D., 2019. Laboratory Capacity for Surveillance of Infectious Diseases in Gujarat: Quantity, Quality, Effects and Way Forward. *Health*, 11(07), p.998.
- **Iyer, V.,** Chowdhury, N., Azhar, G. S., Somvanshi, B. et al. (2014) "Drinking Water Quality Surveillance in a Vulnerable Urban Ward of Ahmedabad." *Health* 6.11: 1165.
- **Iyer, V.,** Azhar, G S., Choudhury, N., Dhruwey, V S., Dacombe, R., Upadhyay, A. Infectious disease burden in Gujarat (2005-2011): comparison of selected infectious disease rates with India. *Emerg Health Threats J* 2014, 7: 22838 - <http://dx.doi.org/10.3402/ehtj.v7.22838>
- **Iyer, V.,** Bhavsar, K., Cottagiri, S. A., Sharma, A., Kohli, V., Dhruvey, V. S., Solanki, B. Dengue in India: Recent Advances, Prognostic Concerns and Future Considerations - A Review. *Journal of Health Systems* 2018, 3: 2, p.3-8

➤ **Public-Private-Partnerships in maternity care in Gujarat**

- **Iyer, V.,** Sidney, K., Mehta, R., Mavalankar, D. Availability and provision of emergency obstetric care under a public– private partnership in three districts of Gujarat, India: lessons for Universal Health Coverage. *BMJ Global Health*. 2016 Apr 1;1(1):e000019.
- **Iyer, V.,** Sidney, K., Mehta, R., Mavalankar, D., De Costa, A. Characteristics of private partners in Chiranjeevi Yojana, a public-private-partnership to promote institutional births in Gujarat, India– Lessons for universal health coverage. *PloS one*. 2017 Oct 17;12(10):e0185739.
- Sidney, K., **Iyer, V.,** Vora, K., Mavalankar, D., & De Costa, A. Statewide program to promote institutional delivery in Gujarat, India: who participates and the degree of financial subsidy provided by the Chiranjeevi Yojana program. *Journal of Health, Population and Nutrition*, 2016, 35(1), 1.
- **Iyer, V.** Female Health Workers in Gujarat, India: Examining Human resource actions and Work Force Objectives - An Exploratory Mixed Methods Study. *Natl Med J India*, 2013;26:273-8
- Open access or No access— [Correspondence] – *Current Science* - <http://www.currentscience.ac.in/Volumes/105/09/1202.pdf>

➤ **Global Health Burden articles**

- Vos, T., Allen, C., Arora, M., Barber, R. M., Bhutta, Z. A., Brown, A., **Iyer, V.,** ... & Boufous, S. (2016). Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015. *The lancet*, 388(10053), 1545-1602.
- Kassebaum, N. J., Barber, R. M., Bhutta, Z. A., Dandona, L., Gething, P. W., Hay, S. I. **Iyer, V.,** ...& Ding, E. L. (2016). Global, regional, and national levels of maternal mortality, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015. *The Lancet*, 388(10053), 1775-1812.

- Dandona, L., Dandona, R., Kumar, G. A., Shukla, D. K., Paul, V. K., Balakrishnan, K., **Iyer, V.**, & Thakur, J. S. (2017). Nations within a nation: variations in epidemiological transition across the states of India, 1990–2016 in the Global Burden of Disease Study. *The Lancet*, 390(10111), 2437-2460.
- Stanaway, J. D., Reiner, R. C., Blacker, B. F., Goldberg, E. M., Khalil, I. A., Troeger, C. E., ..**Iyer, V.**.... & Marks, F. (2019). The global burden of typhoid and paratyphoid fevers: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet Infectious Diseases*, 19(4), 369-381.

➤ **Articles with students:**

- Krishnan, S. and **Iyer, V.**, 2016. Public Healthcare: Expenditure in PHCs and CHCs in Maharashtra. *FIIB Business Review*, 5(5), pp.42-49.
- Damaraju, A., Prakash, R., Prakash, J., Thalinja, R., Tharakan, M., **Iyer, V.**, Mohan, H.L."Pathways to Absenteeism and School Dropout among Adolescent Girls' in Koppal Taluka, Karnataka: Findings from Sphoorthi Project Baseline study." Bangalore: Health Promotion Trust (KHPT). (2017).
- Koya, S., Babu, G.R., **Iyer, V.**, Yamuna, A., Lobo, E., Kinra, S. and Murthy, G.V.S., 2020. Determinants of Breastfeeding Practices and its association with Infant Anthropometry: Results from a prospective cohort study in South India. *Frontiers in public health*, 8, p.600.

Report:

- Elliott, Michael, **Veena Iyer**, and Dharmistha Chauhan. *Women's Action towards Climate Resilience for Urban Poor in South Asia: Baseline Report*. Georgia Institute of Technology, 2017. Available from https://smartech.gatech.edu/bitstream/handle/1853/59560/grp-baseline_report_final_110317.pdf?sequence=1&isAllowed=y
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