

## **Career Sketch**

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## **EDUCATIONAL QUALIFICATIONS:**

- 1) Master of **Public Health** from University of North Carolina at Chapel Hill in Health Policy and Management April 2009
- 2) **Doctor of Medicine (Community Medicine)** Gujarat University Ahmedabad – Gujarat January 2003
- 3) **Bachelor of Medicine and Bachelor of Surgery (M.B.B.S)** P S Medical College, Karamsad and S P University – V V Nagar, Gujarat 1996

## **PROFESSIONAL EXPERIENCE:**

- 1) Professor, Indian Institute of Public Health Gandhinagar 1<sup>st</sup> April 2022 till date
- 2) Associate Professor Indian Institute of Public Health Gandhinagar- May 2017 to 31<sup>st</sup> March 2022
- 3) Consultant- Indian Institute of Public Health Gandhinagar- January 2016 to May 2017
- 4) Consultant-Health Systems and Operations, Bihar Technical Support Program, CARE India, December 2015- May 2016
- 5) Deputy Director, State RMNCH+A Unit (SRU), Bihar, CARE India from December 2013- November 2015
- 6) Consultant, IFHI project, Care India-Bihar- May-to November 2013
- 7) State Maternal and Child Health Consultant for UNICEF Gujarat state Office through PDCSL from May 2011- May 2013
- 8) Regional Child Survival Officer at Surat region of Gujarat from July 2009 to February 2011
- 9) Research associate in Maternal Health project at Indian Institute of Management, Ahmedabad from May 2008 to June 2009
- 10) Faculty at Community Medicine department at Smt NHLM Medical College Ahmedabad from April 2000 to August 2007 (Tutor and Assistant Professor)

11) Tutor at Community Medicine Department of Government Medical College, Rajkot from February 1997 to March 1999

**KEY RESEARCH PROJECTS:**

**A) Ongoing Projects:**

- MIYCN Project for Vitamin Angels
- CCPH and CCHM for CARE India
- State Resource Center for ICDS Monitoring
- TB Care Cascade with USAID
- GCRF Stunting Hub (With LSHTM)

**B) Completed Projects:**

- Project with Directorate of Ayurveda, Government of Gujarat on Anemia, Malnutrition and Sickle Cell Anemia
- Project Tushti
- Mental Health Case studies and trainings project with Gujarat Institute of Mental Health
- Conquer Hepatitis” funded by BMS Foundation US (2015-2017)
- Assessing State Level Capacity to Implement Multi-Sectoral Action Plan for Prevention and Control of Common Non-Communicable Diseases.
- WHO funded project on: “Strengthening Health Systems to address climate change risks in who South-East Asia region through integrated disease surveillance and early warning system for climate sensitive diseases
- E- ssarhi (ઈ-સારથી ) for improving Community health in Devbhumi Dwarka supported by ESSAR Oil
- Rapid Assessment of Nutrition Rehabilitation Centres and Child Malnutrition Treatment Centres in Gujarat supported by UNICEF Gujarat.
- Impact of WASH interventions on nutritional status of under five children in rural Gujarat supported by UNICEF Gujarat
- MacArthur funded project on Improve young people’s reproductive and sexual health and enhance empowerment in the State of Gujarat through demonstrating convergence of health program
- Community Health Projects of Bhansali Trust, ARCH-Dharampur

- Co-Principal Investigator in Assessment of Infant & Young Child Feeding Counseling Center Services in Bihar, India with as part of BTSP team member along with FHI 360, UNICEF Bihar, funded by BMGF, 2015-16
- Team member in “Effective Vaccine Management” Assessment of selected states of India. Carried out assessment in Bihar and Kerala during Jan-Apr 2013, funded by GOI
- Team member in “Effective Vaccine Management” Assessment of Gujarat carried out during 2011-12, funded by UNICEF Gujarat
- Team member for assessment of PPTCT centers in Gujarat funded by UNICEF-Gujarat- 2012-13
- Consultant to ICMR Funded IIPHG study on “Risk Factor analysis for Pre Term Birth in Gujarat” (2011-2013);
- Co-Investigator for study “Evaluation of Para Health workers program of ABHIYAN NGO at Kachchh, Gujarat” 2009-10
- Investigator in a study for investigating the cause of death through VA in more than 1000 deaths among age group of 15-50 years of age group in Patan and Banaskantha districts of Gujarat (area served by Bhansali Trust) 2008-9
- Carried out “Rapid Assessment of Mamta Abhiyan” In Surat Region of Gujarat along with Medical Colleges at Surat 2010
- Carried out Investigation of reported Infant deaths of five districts of Surat region of Gujarat State based on secondary data from VA conducted by Health department 2009-10
- Co-Investigator in study on assessment of “Community Oriented Medical Education” in various Medical Colleges of India”, under HELPONET project funded by IIMA 2001-2
- Team member in School AIDS Education Program Evaluation in Gujarat funded by Govt of Gujarat in Sabarkantha district of Gujarat in 2004-2005.
- Managed Targeted Intervention project for migrants on HIV AIDS funded by AMCACS 2003-2005 p) Managed RCH project for migrants in a slum area of Ahmedabad city funded by NRHM 2005
- Contributed as State Routine Immunization Monitor\_of Gandhinagar district of Gujarat\_from 2005-2007

- Participated as health consultant in a multidisciplinary team for rapid assessment of massive damaged caused by flash floods in Surat district of Gujarat for an interagency group of international Non-Government Organizations in Gujarat, namely Oxfam GB, Care India, Action Aid and Catholic Relief Services from 12th August to 14th August 2006

### **C) COVID 19 related work**

New paper article on Covid and child nutrition

8 Video 1 minute quickies on COVID 19 for NDMA

Videos on covid for IIPHG

TV shows

Blogs

### **ADDITIONAL CAPACITY BUILDING**

- National ToT for National Program for Prevention and Control of Cancer, Diabetes, CVD and Stroke (NPCDCS) Programme Managers, 6-8 Dec.2017 at New Delhi
- Participated in five days course of “Transforming Nutrition in India” organized by Public Health Foundation of India (PHFI) at New Delhi from 7-11 December 2015
- “Capacity Development workshop for District level Managers on Child Health Planning” organized by SPH-PGIMET Chandigarh in collaboration with UNICEF, New Delhi from 23rd August 2010 to 28th August 2010 (Enhanced capacity in planning)
- Trained in “Monitoring and Evaluation for District Program Managers in National Vector Born Disease Control program” at Ahmedabad from 22/03/07 to 24/03/07 organized by Govt of India, Regional Office For health and Family Welfare, Ministry of Health and Family Welfare
- Trained as Coder for Project on Verbal Autopsy for Cause of Death by RGI and University of Toronto, Canada at Tata Memorial Hospital, Mumbai on November 28-30, 2004

- Trained in training of Medical Teachers for Education technology and teaching methods organized by Medical Education and Research Unit of Smt. NHL Municipal Medical College
- Attended National Conference on “ Health Insurance and Financing” (HIFCON) at All India Institute of Medical Sciences (AIIMS), New Delhi on 16-17 October 2004, also founder member of “ Society for Promotion of Health Insurance in India”
- Participant in workshop on reduction of Maternal Mortality (AMDD) in India, organized by IIM, Ahmedabad with Colombia University in July 2005
- Participant in First ever-National Management Consultations on Health Care of India (MCHCI), organized by Indian Institute Management (IIM) Ahmedabad from 20-24th March 2006
- RM

#### **LANGUAGE PROFICIENCY**

Speak, write and read fluently Gujarati, Hindi and English

#### **COMPUTER PROFICIENCY**

Regular user of EPI Info and SPSS apart from Microsoft office

#### **TEACHING ASSIGNMENTS APART FROM MEDICAL COLLEGES**

- **Material developed**
  - a) MIYCN module for frontline workers
  - b) Modules for Certificate course in Community Health
  - c) Course modules for Effective Vaccine Management
  - d) A module on “Environmental Sanitation” in Gujarati for Diploma in Rural Health course of Dr. Baba Saheb Bhimrav Ambedkar Open University, India
  - e) Part of the Team in making Manual of FIRST AID- an audio-visual CD and a reference manual prepared to teach Cardiopulmonary Resuscitation and basic principles of First

Aid- prepared by Dept. of Preventive & Social Medicine, Smt. N.H.L Municipal Medical College for medical students and common people

- f) Developed Gujarati health education material on RCH, Rural Health, infectious diseases, Non Communicable Diseases for Bhansali Trust, ARCH- Dharampur

- **SESSIONS TAUGHT at IIPHG**

- A) For Post Graduate Diploma in Public Health Management**

Taught module on Health Financing in 2008

Taught RCH, HR-OB modules in 2016-17

Taught RCH, PHN, NCD modules in 2017-18

- B) For MPH**

Taught module on RCH in 2015-17 batch

Taught RCH, NCD, Field Epidemiology in 2016-18 batch

Taught RCH, NCD, HR-OB, and Contemporary issues in Public Health in 2017-19 batch

Taught RCH, NCD, Health Policy and Health System, co-taught Introduction to Public Health in 2018-20 batch

Taught RCH, NCD, Health Policy and Health System, co-taught Introduction to Public Health in 2019-21 batch

Taught RCH, and co-taught Introduction to Public Health in 2020-22 batch

- C) For MHA**

Service and Quality Management, NCD in 2017-19 batch

NCD, Field Immersion, Hospital Organization and SQM in 2018-20 batch

Special training on NABH for MHA for 18-20 and 19 -21 batch

- D) Course Coordinator- Certificate course for nurses in Community Health with Government of Gujarat (Six month Certificate Course)**

Till date pilot batch of 27 and batch of 381 (batch-1) passed and posted in the field

Two batches of 391 (Batch 2) and of 803 (Batch-3) are undergoing training at various Program study Centers (Medical Colleges, Nursing Colleges, Institutes and NGOs)

**E) Short Term Training:**

- 1) Training of District Malaria Officers in Public Health Entomology in three batches Feb 2019
- 2) One of the trainer in training of 40 health officers on "Project Management for Quality Improvement in Health Care" at Essar Jamnagar for three days April 2018
- 3) Trainer for IDSP, Health department GOG, Training on Orientation to Statistical Software (EPI Info and SPSS)- 3 batches
- 4) Training of Engineers in Malaria- for Government of Gujarat- 5 batches
- 5) One of the trainer in training of 206 health officers on "Project Management for Quality Improvement in Health Care" (4 days) over 10 batches during 2017. The officers were nominated from different cadres under State Quality Improvement Programme of Gujarat.
- 6) Resource Person on Quantitative Research Methods at IIPHG in 2008
- 7) Guest faculty for "Short Term Training on Monitoring and Evaluation of Public Health Programs" at IIPH-G, July 2010

F) E learning Courses

Coordinator of CRM

Teaching PHIM courses

Taught also in Hospital Management (Quality Management)

**RESOURCE PERSON AT STATE AND NATIONAL LEVEL TRAINING AND WORKSHOPS**

- 1) Resource person and coordinator for West India for Problem Solving for Better Health (PSBH)" in more than 25 Medical Colleges in India- 2001-2007
- 2) Resource person for Research Methodology workshops for all post graduate students of Smt NHLM Medical College 2003-2006
- 3) Resource person for National level workshop on community participation in RMNCH+A organized by GOI at Delhi 2014
- 4) Resource person for updating routine reports of district monitors organized by NRU, MOHFW 2014-15

- 5) Resource person for zonal workshop of RMNCH+A for district monitors of UP, Bihar and North Eastern States organized by GOI, NRU, 2015
- 6) State level trainer for IMNCI, FIMNCI, FBNC, NSSK, Cold Chain Management and School Adolescent Education Program (SAEP) and acted as Resource person in many training programs

### **HONORS AND AWARDS:**

- University First in M.D PSM Examination (Gujarat University 2003)
- Commendation Certificate for the outstanding work done during the earthquake of January 2001 in Gujarat, given by Times of India a leading National News Daily
- Felicitation from Dr. Babasaheb Open University for writing a Module for course on Environmental Sanitation in Gujarati language

### **PUBLICATIONS (Accepted & Published)**

1. Sheth J, Prasad K, Puwar T. An Objective Overview of Covid19 Vaccine Situation in India. *Natl J Community Med* 2022;13(5):342-345. DOI: 10.55489/njcm.1305202261
2. Trivedi M, Puwar T et al "Improving Nutritional Status of School Going Children through School-Based Nutrition Program in Rajasthan, India accepted for publication in *Journal of Health Management* in 2023
3. Saha S, Desai B, Fancy M, Puwar T, Saxena Deepak, Shah Komal, Pandya Apurvakumar. Protocol for the cost-effectiveness of parenteral iron and oral iron therapy for first-line management of anaemia among pregnant women in a natural programme setting in Gujarat. *BMJ Open* 2021;11:e044712. doi:10.1136/bmjopen-2020-044712
4. Raval H, Puwar T, Vaghela P, Mankiwala M, Pandya AK, Kotwani P. Respectful maternity care in public health care facilities in Gujarat: A direct observation study. *J Family Med Prim Care* [serial online] 2021 [cited 2021 Jun 14];10:1699-705. Available from: <https://www.jfmpc.com/text.asp?2021/10/4/1699/314908>
5. Parmar, S., Puwar, T., Saxena, D., Shukla, S., & Pandya, A. K. (2020). Health Workers' Approach Toward Adverse Events following Immunization - An Insight From Madhya Pradesh. *Indian journal of community medicine : official publication of Indian Association of Preventive & Social Medicine*, 45(4), 567–568. [https://doi.org/10.4103/ijcm.IJCM\\_52\\_20](https://doi.org/10.4103/ijcm.IJCM_52_20)



6. Toward the Development of an Integrated Climate-Sensitive Disease Surveillance in Southeast Asian Countries: A Situational Analysis. Yasobant S, Saha S, Puwar T, Saxena D. Indian J Community Med. 2020 Jul-Sep;45(3):270-273. doi: 10.4103/ijcm.IJCM\_285\_19. Epub 2020 Sep 1. PMID: 33353999
7. Saha S, Kotwani P, Pandya A, Patel C, Shah K, Saxena D, Puwar T et al. Addressing comprehensive primary healthcare in Gujarat through mHealth intervention: Early implementation experience with TeCHO+ programme. J Family Med Prim Care 2020;9:340-6.
8. Puwar T, Saxena D, Yasobant S, Savaliya S. Noncommunicable Diseases among School-going Adolescents: A Case Study on Prevalence of Risk Factors from Sabarkantha District of Gujarat, India. Published in Indian Journal of Community Medicine. Year : 2018 | Volume : 43 | Issue : 5 | Page : 33-37
9. Puwar T, Yasobant S, Saxena D. Are School-going Adolescents Mentally Healthy? Case Study from Sabarkantha, Gujarat, India. Published in Indian Journal of Community Medicine. Year : 2018 | Volume : 43 | Issue : 5 | Page : 23-27
10. Kansara K, Saxena D, Puwar T, Yasobant S, Trivedi P, Savaliya S, Fancy M. Convergence and Outreach for Successful Implementation of Rashtriya Kishor Swasthya Karyakram. Published in Indian Journal of Community Medicine. Year : 2018 | Volume : 43 | Issue : 5 | Page : 18-22
11. Patel P, Puwar T, Shah N, Saxena D, Trivedi P, Patel K, Yasobant S, Fancy M, Matela H, Savaliya S, Kalpana P, Rana R. Improving Adolescent Health: Learnings from an Interventional Study in Gujarat, India. Published in Indian Journal of Community Medicine. Year : 2018 | Volume : 43 | Issue : 5 | Page : 12-17
12. Trivedi P, Saxena D, Puwar T, Savaliya S, Ganguly P. A cohort study on risk factors for preterm births in rural Gujarat. Published in Indian Journal of Public Health. Year : 2018 | Volume : 62 | Issue : 2 | Page : 111-116
13. Saxena D, S. yashobant, T Puwar et al. Reveling Adolescent Health Day: Field experience from Rural Gujarat, India. Ann Med Health Sci Res. 2017; 7: 355-358
14. Yasobant S, Trivedi P, Saxena D, Puwar T, Vora K, Patel M. Knowledge of hepatitis B among healthy population: A community-based survey from two districts of Gujarat, India. J Family Med Prim Care 2017;6:589-94

15. Poonam Trivedi · Deepak Saxena, Puwar T et al. Poor oral health as a predictor for preterm births: Do we need to revisit antenatal care guidelines for reducing preterm births? Reflections from rural Gujarat : 10.5455/ijmsph.2017.006174030
16. Assessment of Nutritional Status of Adolescents: Field Experience from Rural Gujarat, India. Trivedi Poonam, Saxena Deepak, Puwar Tapasvi et al. National Journal of Community Medicine:2016;7(12):927-930.
17. Use of IAP BMI Standards for Measuring Nutritional Status of Adolescents in India. Puwar Tapasvi, Saxena Deepak. National Journal of Community Medicine :2016;7(6):545-545
18. Introducing Concept of Thematic Village Health and Nutrition Day in Gujarat State- An Experience towards a Step Forward. Bhatt Gneyaa, Gaonkar Narayan, Puwar Tapasvi et al. Healthline,2014 ;5(1) : 61-65
19. A Record Based Study on Paediatric Tuberculosis in Ahmedabad City, India, Puwar Bhavna, Patel Vaibhavi, Puwar Tapasvi. National Journal of Community Medicine, 2012;3(1):153-156
20. Prevalence of chikungunya in the city of Ahmedabad, India, during the 2006 outbreak: A community based study. Puwar Tapasvi, Sheth Jay, Kohli Vijay, Yadav Rajpal. Dengue Bulletin, South-East Asia region World Health Organization,2010 (34); 40-45.
21. Preliminary estimate of immediate cost of chikungunya and dengue to Gujarat, India. Murtola Tina, Vasan SS, Puwar Tapasvi, Govil Dipti, Field Robert, Gong Hong-Fei et al. Dengue Bulletin, South-East Asia region World Health Organization,2010 (34); 32-39
22. Why should 5000 children die in India every day? Major causes of death and managerial challenges. Ramni KV, Mavalankar DV, Joshi Sanjay, Malek Imran, Puwar Tapasvi, Kumar Harish. Vikalpa; April-June 2010 (35) 9-19.
23. Human Papiloma Virus vaccine and a few facts. Puwar T, Puwar B. Indian Journal of Medical Sciences, July 2009;63(7):309-10
24. Pattern of morbidity and health seeking behaviour in a slum area of Ahmedabad city in India. Puwar Tapasvi, Puwar Bhavna, Trivedi Kartik. Internet Journal of Health Vol 9-2.
25. Situational analysis of reporting and recording of maternal deaths in Gandhinagar district, Gujarat state. Puwar T. I, Raman Parvathy, Mavalankar D.V. IIMA working paper No. 2009-06-01

26. Study of fertility indicators in slum area of Ahmedabad city in India. Puwar Bhavna; Puwar Tapasvi; Trivedi Kartik. Internet Journal of Health;2009,9(1)
27. Quantifying the Impact of Chikungunya and Dengue on Tourism Revenues. Mavalankar D.V., Puwar T. I., Govil Dipti, Murtola T. M., Vasani S.S IIMA working paper No. 2009-02-03
28. A preliminary estimate of Immediate cost of Chikungunya and Dengue to Gujarat, India. Mavalankar D.V., Puwar T. I., Govil Dipti, Murtola T. M., Vasani S.S. IIMA working paper No. 2009-01-01
29. Medico-social and Medico legal aspects of sexual offences- current scenario in a urban locality of western India. Kumar Lavlesh, Tiwari Swapnil, Puwar Tapasvi, Chawli K D, accepted for publication in Medico-Legal Update.
30. Anthropometric measurements of First MBBS students- Academy Journal of Applied-Basic Medical Sciences, Vol.-6, Sept. 2004
31. Experience of NHLM Medical College in Earthquake in Gujarat- Medico Friend Circle Bulletin, 2003

**BOOK Chapter :**

- Improving Adolescent Health: Learnings from Gujarat (Chapters 4,6,7,8,9)
- Situational analysis of reporting and recording of maternal deaths in Gandhinagar district, Gujarat state. Puwar T. I., Raman Parvathy, Mavalankar D.V. Chapter in monologue “Midwifery and Maternal health in India situation analysis and lessons learned”

**REFERENCES**

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