

# DR. SWATI ARORA ROY

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## Personal Details

Date of birth : 19<sup>th</sup> May, 1987  
Current Address : A/206, Shree Ram Akshar Bhavan,  
Vallabh Vidyanagar, Anand, Gujarat, India  
Languages known : Hindi, English, Punjabi, Tamil, Bengali

## Educational Background

Degree Awarded	University	Year
Master of Public Health (MPH) Epidemiology	Manipal University, Karnataka	2016
Bachelor of Dental Surgery (BDS)	Sri Ramachanndra University, Tamil Nadu	2012
Bachelor of Education (B.Ed)	Maharshi Dayanand University, Haryana	2022
Ph.D. Scholar (Pursuing)	Bhaikaka University, Gujarat	2022 - Ongoing

## **Professional Positions / Employment**

<b>Title</b>	<b>Institution</b>	<b>Dates Held</b>
Assistant Professor	Bhaikaka University, Gujarat	Dec 21 – Till present
Executive (Research)	Bhaikaka University, Gujarat	Nov 18 – Till present
Member Secretaryship	Bhaikaka University, Gujarat	Mar 20 – Till present
Study Coordinator	CHRD-SAS, New Delhi	Jan 17 – Sept 17
Assistant Research Officer	The INCLEN Trust International, New Delhi	Jul 16 – Oct 16

## Research Experience

Project Title	Period of Work
Screening for Parkinsonism, Epilepsy and Stroke in a rural population of central Gujarat	2019 – 2020
Impact of a collaborative Intervention for Strengthening Comprehensive Primary Health Care on Health Care Utilization Patterns and Health Care Expenditure in Dahod Block of Dahod District, Gujarat	2018 – 2019
Improving Linear growth of children in low resource settings through integrated Nutrition, WASH, Care and support interventions during Pre and Peri conceptional period, pregnancy and Early Childhood – A Randomized Controlled Trial	2017
BASIS (Baseline Assessment of Streptococcus Pneumoniae in India Serotypes)	2016
Patterns of Smokeless Tobacco Usage among Daily Wage Women Workers in Manipal, Karnataka	2016
KAP study on Essential Newborn Care by conducting surveys among rural and urban mothers in Udupi, Karnataka	2014

## **Areas of Interest**

- ❖ Leading projects – Research & Administrative Roles
- ❖ Teaching Research methodology, Epidemiology and Biostatistics
- ❖ Conducting and formulating Qualitative research
- ❖ Designing studies on Behavioural Change Communication, Chronic Diseases, Health Advocacy and Communication
- ❖ Programs & Policy Monitoring, Evaluation & Surveillance

## **Awards/ Achievements**

- 1) "Evaluation of Drugs for Human Use" presented in the National Seminar on Oral Medicine and Radiology at All India BDS Student's Convention organized by Indian Academy of Oral Medicine and Radiology & Faculty of Oral Medicine and Radiology, Saveetha University, held on 29<sup>th</sup> November 2009 at Chennai.  
**(Co-Author; BEST POSTER AWARD)**
- 2) Academic Achiever – Aced with highest score during Masters in Public Health Program **(CGPA 9.76)**
- 3) Qualified National Entrance Test (NET) for Assistant Professorship according to UGC norms. Eligible to Teach as an Assistant Professor in the field of Public Health. **(JUNE 2017)**
- 4) JHSPH Basic Human Subjects Research Course (Stage 1 – Basic Course) Johns Hopkins Bloomberg School of Public Health Collaborative Institutional Training Initiative (CITI Program) - **(SEPTEMBER 2016)**
- 5) ICH Good Clinical Practices (THE GLOBAL HEALTH NETWORK)– **(FEBRUARY 2021)**

## Conference Presentations

- 1) "Forensic Radiology – The Shadow of the Colossus" ; National Seminar on Oral Medicine and Radiology at All India BDS Student's Convention organized by Indian Academy of Oral Medicine and Radiology & Faculty of Oral Medicine and Radiology, Saveetha University, 5<sup>th</sup> December 2010, Chennai. **(POSTER)**
- 2) 3<sup>rd</sup> International Non Communicable Diseases (NCD) Research Meet – Manipal Chapter – 2015"; 10<sup>th</sup> - 11<sup>th</sup> January 2015, Manipal University in collaboration with University of Alabama, Birmingham, USA , Florida International University, Florida, USA , Madras Diabetes Research Foundation, Chennai. **(PARTICIPANT)**
- 3) Public Health Evidence South East Asia Colloquium – 2015' 5<sup>th</sup>-7<sup>th</sup> February 2015 organized by Public Health Evidence South Asia (PHESA) and Dr. TMA Pai Endowment Chair in Systematic Reviews and Evidence Based Public Health, Manipal University. **(PARTICIPANT)**

## Workshops attended / Training

1. "Baseline Assessment of Streptococcus pneumoniae of India Serotypes", 13<sup>th</sup> - 15<sup>th</sup> September 2016, Christian Medical College, Vellore. Training coordinated by John Hopkins Bloomberg School of Public Health.
2. "Diagnosis and Management of Prediabetes" , 17<sup>th</sup> May 2015 organized by Dr. TMA Pai Endowment Chair in Prediabetes and Exercise Science and Health Promotion, Manipal University.

3. "Research Proposal Development" , 30<sup>th</sup> - 31<sup>st</sup> October 2014 organized by the School of Public Health and Department of Community Medicine, Manipal University.

## **Workshops Conducted / Invited as Resource Person**

1. Workshop on Ethical Conduct of Research on Human Participants - 24<sup>th</sup> - 25<sup>th</sup> February 2023 at Indian Institute of Technology – Gandhinagar
2. Workshop on GCP and Ethical Issues in Research - 18<sup>th</sup> April 2023 at Maganbhai Adenwala Mahagujarat (MAM) University – Nadiad
3. Workshop on Ethics Review in Health Research - 28<sup>th</sup> April 2023 at Charotar University of Science & Technology (CHARUSAT) – Changa, Anand
4. Workshop on Working of Ethics Committees – 02<sup>nd</sup> May 2023 at G. J . Patel institute of Ayurvedic Studies and Research, S. G. Patel Ayurveda Hospital & Maternity Home – New Vallabh Vidyanagar, Anand

## Publications

1. Je G, Arora S, Raithatha S, Barrette R, Valizadeh N, Shah U, Desai D, Deb A, Desai S. Epidemiology of Parkinson's Disease in Rural Gujarat, India. *Neuroepidemiology*. 2021;55(3):188-195. doi: 10.1159/000515030. Epub 2021 May 5. PMID: 33951636.
2. Das M, Sonone R, Thukral H, Lamba R, Arora S, Sethi M. Tramadol as an Analgesic to treat Chronic Pain – A Review. *IOSR Journal of Dental and Medical Sciences*;2017; 16 (4): 76-81. e ISSN: 2279-0853 . p-ISSN: 2279-0861.
3. Swati RA, Roy K. Determinants of Tobacco Use among Immigrant Workers Around a University in South India – A Qualitative Approach. *Asian Pac. J. Health Sci.*, 2023;10(1):32-35.
4. Roy K, Das N, Roy SA. Strengthening primary health care in rural western India-team based approach. *Int J Res Med Sci* 2023;11:1303-8.