

Dr. Tanvi Shah, MBBS, DA

Contact: (919) 903 6526 | Email: tanvijshah@outlook.com | www.linkedin.com/in/shahtj
Carrboro, NC, USA

I am eager to apply my skills and expertise towards a career in public health with a focus on global health, implementation science, research translation, monitoring and evaluation, grant writing and program management. I believe that bridging my ten years of experience as a medical doctor in India with my public experience gives me a unique perspective to tackle the challenges facing today's healthcare systems with team leadership, decisiveness, composure and ability to learn and grow.

EDUCATION

- Master of Public Health - Leadership in Practice** May 2020
Gillings School of Global Public Health,
University of North Carolina at Chapel Hill, USA
- Certificate in Global Health
 - IHI certification for Quality Improvement
- Diploma in Anesthesia (Equivalent to Postgraduate/Specialization)** May 2015
Holy Family Hospital & Research Center,
College of Physicians and Surgeons Mumbai, India
- Bachelor of Medicine and Bachelor of Surgery (MBBS) (Equivalent to MD, Doctor of Medicine)** May 2011
K. J. Somaiya Medical College and Research Center,
Maharashtra University of Health Science, India

PUBLIC HEALTH EXPERIENCE

- Kybele Inc.,** July 2020 - Present
Program: Making Every Baby Count Initiative 2.0
Funder: Children's Investment Fund Foundation
Quality Improvement Manager
- Designing and implementing M&E practices
 - Quality Improvement and Analysis
 - Supporting institutional measurement efforts
 - Supporting business development
- RACE for Equity, North Carolina** July 2020 – Present
Project Coordinator
- Engaging people with lived experience in projects and services that directly impact them (e.g. focus groups, talking circles, formal meetings, key informant interviews).
 - Facilitating collaborations among partners to improve well-being in a community (e.g. coalition building).
 - Planning, implementing, and evaluating programs and/or activities in conjunction with public, private and community partners.
 - Preparing request for proposals and related materials
- Public Health Leadership Program, Gillings School of Global Public Health** May 2019 – May 2020
Program: Obstetric Triage and Implementation Program (OTIP), Ghana
Funder: Grand Challenges Canada - Kybele, Inc.
Graduate Research Assistant
- Project objective is to improve maternal and neonatal outcomes by building clinical, operational and leadership capacity in tertiary hospitals through training and coaching the clinical champions on triage process, Saving Lives at Birth (SLAB), leading to decreased maternal mortality
 - Developing, streamlining, and training on Quality Improvement (QI) processes (PDSA Method), resulting in improved prioritization of the high-risk patients and decrease queuing time for patients (65% increase in number of patients seen within 10 minutes of arrival).

- Establishing monitoring and evaluation strategy including relevant outcome indicators and evaluation instruments, resulting in an automated system for monitoring and tracking data real-time data.
- Establishing communication and collaboration strategies among research team and practitioners by creating and coaching on communication protocols using Whatsapp technology, resulting in increased accountability, and improvement in team problem solving.

Public Health Leadership Program, Gillings School of Global Public Health

January 2019 – My 2020

Graduate Teaching Assistant

- MPH Culminating Experience (19 students – 6 residential, 13 online) Spring 2020
- Core Principles of Leadership (33 students - 16 residential, 17 online) Fall 2019
- Systematic Review (28 students) Spring 2019
- Critical Appraisal of Health Literature II (18 students) Spring 2019
- Advising and lecture instruction of online classes. Managing and coordinating operations for class activities such as student communication. (>80% students strongly agree on effectiveness)

RACE for Equity, Cary North Carolina

May 2019 - August 2019

Programs: North Carolina System of Care (NC SOC), Orange County Health Department, Chatham County Health Department

Leadership and Management Intern

- Responsible for understanding in depth the system of the North Carolina System of Care (NCSOC) and their issues with respect to equity and engaging youth and families with behavioral health needs. Gained expertise in the Results Based Accountability (RBA) framework and facilitated one-day workshops and webinar sessions across 4 different Local Management Entity-Managed Care Organizations (LME-MCOs) in North Carolina to help the local collaboratives to increase capacity and knowledge around leadership and data-driven decision making to support and sustain improved health outcomes.
- Developed and implemented workshop evaluations to create a report for program improvement. This resulted in a proposal for a 90-day challenge that incorporates Results Based Accountability and/or leadership development (QI and adaptive leadership) to provide the NCSOC collaboratives the capacity to collect and disaggregated data, address inequities, and engage their family and youth partners in the design and implementation of the services and programs they receive.
- Conducted an academic literature review on different health metrics and indicators and developed an innovative communication product (data gallery walks) for the Orange County Health Department to help them identify and address disaggregated data across the county.

UNC Medicine-Infectious Diseases Department

October 2018 - January 2019

Program: Ryan White HIV Program

Data Abstractor

- Streamlined the patient prioritization process for care of people living with HIV based on their CD4 counts by developing monthly reports for doctors with relevant patient information through data abstraction using EPIC electronic records and CAREWare database system.

T. H. Chan India Research Center, Harvard University

June 2018 - July 2018

Workshop on Child Malnutrition

Partners - State Government of India, UNICEF, Mumbai, India.

Public Health Organizer

- Organized a public health workshop and convened stakeholders across different sectors (government, academia and technical organizations, and civil society and media) to initiate multi-stakeholder discussion and establish child malnutrition programs in the State of Maharashtra.
- Co-authored workshop report, “An Action plan for *Jan Andolan (improve child nutrition)*” which was presented to national level stakeholders (currently in review).

MEDICAL EXPERIENCE

Multiple Hospitals across Mumbai, India

January 2016 – December 2017

Anesthesiologist

- Headed the cardiac catheterization lab as the chief anesthesiologist and provided leadership while dealing with life threatening patient cases by relying on teamwork, quick decision-making, self-composure and decisiveness.
- Presented case studies at various national and international conferences and participated in Continued Medical Education (CMEs) conferences and workshops to get trained in the latest techniques, like ultrasound guided blocks;

and have taught these pain free techniques to my peers for improving patients care. Also established a learning community to encourage the sharing of best practices and scientific advancements in our weekly Journal Club.

- Practiced efficient and effective communication, both with internal collaborators such as surgeons, physicians and other hospital staff as well as my patients and their relatives.
- Led the 'Anaesthesia Workstations Workshop' for the World Anaesthesia Day 2017 at Saifee Hospital where about 50 anesthesia trainees learned about the history, mechanics and advancements in the field of anesthesia.

Fellowship (Trauma & Regional Anesthesia), Ganga Hospital, India,

June 2015 - December 2015

Anesthesiologist

- Trained and administered anesthesia to approximately 200 trauma and high-risk patients by using ultrasound guided regional anesthesia to help them undergo complex and long surgeries with minimal risk and be pain free perioperatively

LEADERSHIP ROLES

Gillings School of Global Public Health

University of North Carolina at Chapel Hill, NC

President, Public Health Leadership Student Association

May 2019 - Present

Secretary, Public Health Leadership Student Association

August 2018 - May 2019

TRIAD Chair, Minority Student Caucus

August 2018 - May 2019

AWARDS AND GRANT WRITING

- Health Resources and Services Administration (HRSA) funded grant along with UNC Chapel Hill for '*Supporting Maternal Health Innovation Program*', a 2.6 million grant fund per year for 5 years. (2019)
- Association of North Carolina Boards of Health (ANCBH) Vaughn Upshaw Scholarship in Public Health for 2020
- UNC Gillings Department Award (Fall 2018, Spring 2019, Fall 2019, Spring 2020)
- Sir J. R. D. Tata Scholarship for academic excellence in the 2nd year of medical school (2006)

PUBLICATIONS

- **T. Shah**, R. Ramaswamy, M. Owen, F. Bryce, C. Williams, S. Bogdewic, C. Tetteh, M. E. Ashinyo, S. K. Akoriyea, S. Deganus 'Building front line leadership to strengthen quality of care: Experiences from The Obstetric Triage Implementation Program (OTIP) in Ghana' accepted for a poster presentation; Consortium of Universities of Global Health (CUGH), Washington DC, April 2020 (Conference canceled)
- **Shah T**, Kasodekar S, Goyal M 'Anesthetic Management of a parturient with dengue hemorrhagic fever, severe PIH, frank HELLP syndrome and Gestational diabetes for emergency LSCS.' a poster presentation; AOA-MASCON, Mumbai. October 2016
- **Shah T**, Goyal M 'Successful outcome in a multigravida parturient with spontaneous uterocervical rupture in an unscarred uterus.' a poster presentation; AOA-MASCON, Mumbai. October 2016
- **Shah T**, Dhansura T, Tarawade U 'Patient led identification of the midline of the lumbar spine compared with ultrasound imaging in morbidly obese patients and the impact of anxiety', a poster presentation; European Society of Regional Anaesthesia 2017, Lugano, Switzerland

TRAINING AND CERTIFICATIONS

- Global Health Certificate – May 2020, Gillings School of Global Public Health, UNC Chapel Hill
- HIPAA, UNC Chapel Hill, North Carolina, USA
- Good Clinical Practice (GCP) Training, UNC Chapel Hill, North Carolina, USA
- Regional Anaesthesia workshop - October 2013, WAD conference, Mumbai, India
- BLS provider - February 2015, Life Supporters Institute of Health Sciences, Mumbai, India
- ACLS provider - February 2015, Life Supporters Institute of Health Sciences, Mumbai, India
- Simulation workshop - June 2015, Ganga hospital, Coimbatore, India
- In-house CPR training - May 2016, Hinduja Healthcare Surgical, Mumbai, India
- Labor Analgesia workshop - October 2016 at AOA MASCON, Mumbai, India
- Regional Anaesthesia Basic workshop - August 2017, IPSA, Delhi, India
- Cadaveric workshop - August 2017, IPSA, Delhi, India
- Hands-on Cadaveric workshop - September 2017, ESRA, Lugano, Switzerland

OTHER EXPERIENCE

- Shree Bidada Sarvodaya Trust, Kutch, India January 2010
 - Volunteered as a doctor, helped in the preoperative assessment, assisted in various surgeries and managed the post-operative care of approximately 500 patients to provide free, safe and accessible care to the underserved and rural population
- Trained Classical Indian Dancer (Manipuri)
- Global traveler (9 countries and counting)
- Languages – English, Hindi, Gujarati, Marathi