Karthik Adapa

karthikk@live.unc.edu
248-312-8764

1100 W NC Highway 54
89J
Chapel Hill, NC 27516

EDUCATION:

Doctor of Philosophy: Health Informatics
1st year, Carolina Health Informatics Program(CHIP), UNC-Chapel Hill

Master of Public Health: Health Policy and Management   Dec, 2017
Gilling's School of Global Public Health, UNC- Chapel Hill

Master in Public Policy   Aug,2010
Indira Gandhi National Open University, New Delhi, India

M.B.B.S (US equivalent to M.D.)   March,2003
Mahatma Gandhi Institute of Medical Sciences, Wardha, India

LEADERSHIP & WORK EXPERIENCE:

Secretary, Chandigarh Administration, India
Department of Animal Husbandry & Fisheries   Nov 2015- Aug 2016

o   Conceived & implemented web based application to automate all the administrative and service-oriented processes of the Department of Animal Husbandry and Fisheries

Additional Secretary to Government of Punjab
Department of Health and Family Welfare &
   Department of Medical Education & Research   June 2013 – Oct 2014

o   Implemented institutional and home-based palliative care pilot project in district Patiala
o   Conceptualized and led the implementation of Universal Health Care (UHC) pilot in district Nawanshahr, Punjab
o   Streamlined the administrative processes involved in the recruitment of medical doctors by Department of Health and Family Welfare, Government of Punjab
o   Led a team of 10 officers that was involved in drafting legislation (Cancer and Drug de-addiction Infrastructure Development Act) to generate additional resources for cancer and drug de-addiction infrastructure development activities in Punjab
o   Monitored and evaluated the implementation of 20 national disease control programs
o   Successfully implemented a national program for the upgradation of infrastructure, medical equipment & technology in Government Medical Colleges(GMCs), Patiala & Amritsar
o   Conceptualized and drafted the Maternal and Child Health Action plan for the State of Punjab.
o   Conceptualized and led the implementation of Integrated Health Management Information Systems (*IHMIS*)

Additional Excise and Taxation Commissioner, Punjab   Nov 2012- June 2013

o   Implementation of computerization of tax information system (COTIS) including e-refund, e-filing, e-payments, e-TRIP, e-billing, e-amendment modules

Additional Secretary to Government of Punjab
Department of Technical Education &
Department of Local Government   June 2012- Nov 2012

o   Drafted concept notes on Punjab State Technical Education Network(PSTEN)
o   Implemented the Skill Development Initiative (SDI) scheme and restructured the State Project Implementation unit (SPIU)
o   Developed a skill mapping study in 5 major cities of Punjab in collaboration with Confederation of Indian Industries
o   Drafted and finalized Technical Education Policy for the Government of Punjab
o   Wrote a concept paper on property tax and the need for introduction of unit area based assessment of property tax legislation in Punjab

Additional Deputy Commissioner
Gurdaspur & Hoshiarpur Districts   Jan 2012- June 2012
o   Streamlined the delivery of citizen services under civil registration system and right to service Act: Project approved for implementation under the State Collaborative Initiative by the Government of India
o   Introduced reforms in Observation/Special homes for juveniles to promote after care and rehabilitation of children in conflict with law

Joint Secretary to Government of Punjab   June 2011- Jan 2012
  Department of Revenue
  o Digitized land records in 153 tehsils of a state (equivalent to county) and integrating them with registration of sale deeds

Sub-divisional Magistrate   Aug 2010 -Jun 2011
  Ranikhet(Uttarakhand) and Jaito, Rampura-phul & Ropar, Punjab, India
  o Monitored the disaster management and relief activities during flash floods in Ranikhet
  o Created database for Liquefied petroleum gas (LPG) card holders for entire district and Streamlined the delivery of LPG Gas cylinders resulting with a model that has been replicated at the National Level subsequently

RESEARCH EXPERIENCE:

Consultant   Jan 17-Aug 17
URC-CHS, USAID Assist project
Measuring readiness of health care facilities to implement Quality Improvement (QI) interventions in Himachal Pradesh, India; Supervisor: Dr Rohit Ramaswamy

Research Assistant   Mar 17- Aug17
SCALE 2.0, Robert Wood Johnson Foundation
Member of evaluation team, involved in the development of community indictors; Supervisors: Drs Abraham Wandersman and Rohit Ramaswamy

Internship   Jun 17- Aug 17
Measurement Learning and Evaluation Project for Urban Reproductive Health Initiative
Data analysis using STATA and dissemination of findings to strengthen the family planning strategies & interventions and enhancing choices for women; Supervisor: Prof Ilene Speizer

Master's paper   Mar 17- Dec 17
Cost effectiveness of QI interventions to reduce neonatal mortality in a tertiary hospital in Ghana, First reader: Dr Stephanie Wheeler; Second reader: Dr Rohit Ramaswamy.

CLINICAL EXPERIENCE:

Emergency Medical Physician   Mar 04- Jan 06
  Jessa Ram Hospital, New Delhi

Emergency Medical Physician   Jan 03- Mar 04
  Delhi Heart and Lung Hospital, New Delhi

Medical Intern   Mar 02- Jan 03
  Dr RML Hospital, New Delhi
  Residency in Obstetrics and Gynecology, Medicine, Pediatrics, Surgery, Emergency medicine,

TEACHING EXPERIENCE:

Guest Lecturer   Aug 15
  Induction training program: Direct benefit transfer: Implementation of UID enabled Universal Health Care (UHC) pilot, Lal Bahadur Shastri National Academy of Administration, Mussoorie,India

Guest Lecturer   Jun 13
  Innovation Conference: E-governance & IT initiatives: Implementation of Blood bank Management system, Lal Bahadur Shastri National Academy of Administration, Mussoorie, India

Guest Lecturer   Sep13
  Workshop on Innovation in Governance, RCVP Noronha Academy, Bhopal

PROJECTS WITH INTERNATIONAL ORGANISATIONS:

USAID
  Technical assistance for improvement in health indicators in high priority districts of Punjab through *Maternal and Child Health Integrated Program (MCHIP);* drafted the Maternal and Child Health Action plan in collaboration with USAID team & AIIMS

WORLD BANK
  Co-drafted the Project Appraisal Document for *Second World Bank Aided Punjab Water Supply and Sanitation Project of US $ 248 million*; participated in the planning and the implementation of Project

BMGF

Collaborated with Bill & Melinda Gates Foundation (BMGF) for technical assistance from *Avahan program for Strengthening the FSW and MSM targeted interventions in Punjab* through implementation of select best practices from Avahan Southern States and technical support in HIV/AIDS Program of Government of Punjab

AWARDS AND HONOURS:

Doctoral Merit Assistantship, UNC Graduate School	2018-21
Fulbright Master's Scholar	2016-17
Merit Award in Public Administration	2009
(Lal Bahadur Shastri National Academy of Administration, India)	
Secured All India Rank 1 in Civil Services Examination	2007-08
(Union Public Service Commission, New Delhi)	
Merit Award in University exams of MBBS	2001-02
(Ophthalmology, Community Medicine and Pediatrics)	

POSTER PRESENTATION:

Adapa, K., Scaccia,J., & Ramaswamy,R.(2017, May 19). Measuring readiness of health care facilities to implement quality improvement (QI) interventions in Himachal Pradesh, India. Poster presentation at *Toward a Carolina Improvement Science Initiative: A Lightning Symposium,* Chapel Hill, North Carolina

SKILLS and COMPETENCIES:

Crystal ball and Microsoft Excel: Proficient
R (preferred quantitative software): Proficient
STATA and Python: Basic
EndNote: Proficient