

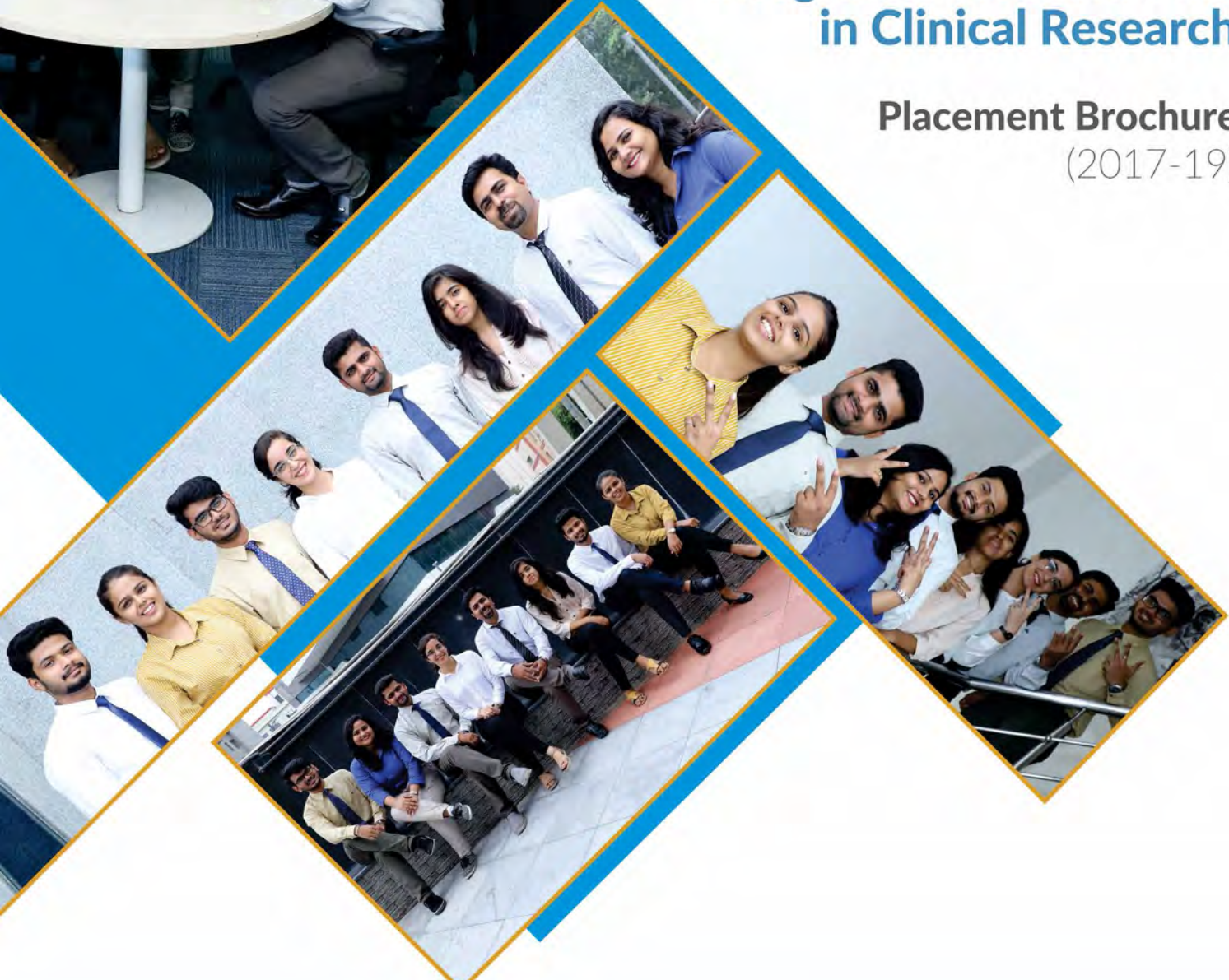


INDIAN
INSTITUTE OF
PUBLIC HEALTH
DELHI



Integrated MSc and PhD in Clinical Research

Placement Brochure
(2017-19)



About PHFI

Public Health Foundation of India was conceptualized as a response to limited institutional capacity in India for strengthening training, research and policy development in the area of Public Health. PHFI was launched as a large scale, an autonomously governed public-private initiative on March 28, 2006 at New Delhi. One of the core mandates of PHFI is to institutionalize public health by creating Indian Institute of Public Health (IIPHS) across the country.

With an objective to strengthen the public health system in India, PHFI has launched a network of **five Indian Institute of Public Health (IIPHS)** in Delhi, Hyderabad, Bhubaneswar, Gandhinagar and Shillong. The Indian Institute of Public Health – Gandhinagar (IIPHG) has been granted University status by a legislative act of Gujarat state in May 2015. Academic programs at IIPH Shillong will start soon. With a vision to **become a benchmark in teaching, training and research** in the public health arena, the IIPHS are aimed at educating and nurturing human resources by providing quality training to graduates to multiple disciplines, in various public health domains. Each IIPH works closely with state government to conduct research relevant to the home state and surrounding regions, so as to contribute to overall national health goals.

About IIPH-D

Indian Institute of Public Health-Delhi (IIPH-Delhi) commenced its operations in November 2008. The institute offers an Integrated MSc & PhD program in Clinical Research (in collaboration with AcSIR), Master of Public Health and Post graduate Diploma in Public Health (PGDPHM). The programmes are aimed at fresh graduates as well as experienced professionals from health sciences, life sciences, social sciences, medical & allied health sciences. These programmes are also attended by mid-level government officials nominated by various State Governments. Faculty members at IIPH-D have extensive experiences ranging from Public Health, Community Medicine, Epidemiology, Health Management, Biostatistics, Demography, Health Economics, Health Policy, Health Social Sciences, Anthropology, Environmental & Occupational Health and Public Health Nutrition. Strong multidisciplinary teams representing major public health disciplines, with a broad range of technical and academic expertise, enable a multidimensional perspective to enrich the educational and research programs at the institute.

Integrated MSc and PhD in Clinical Research

MSc in Clinical Research is an intensive 2 years, multi-disciplinary program focusing on the scientific, ethical, and operational issues related to clinical research. The course content of the Master's program is perfectly tailored to accommodate the needed competencies that are expected by the CROs, Pharma industries and the academia. First three semesters of curriculum lay down a strong foundation for the key concepts in clinical research, epidemiology, biostatistics, clinical data management and medical writing through the 11 compulsory core modules and 4 elective modules. The final semester is dedicated for the dissertation work that imparts practical insights in conducting and reporting health research. Students with CGPA 8 and above are eligible to enroll into the PhD program. The program is affiliated to Academy of Scientific & Innovative Research (AcSIR), an institute of National Importance under Govt. of India. Students also attend several in-house workshops as a part of their curriculum that hone their skills and gain practical knowledge.

Core competencies acquired

- Reviewing existing evidence in literature
- Developing a grant application in bio-medical research
- Managing ethics and regulatory approvals of protocol
- Managing a research project
- Managing research/clinical trial data
- Planning and executing statistical analysis
- Communicating research results to scientific community



Core modules

- Basics in epidemiology
- Basics biostatistics
- Clinical trials – Design and analysis
- Clinical trials – Conduct and operational issues
- Bio-ethics and regulatory affairs
- Medical writing – Proposal, protocol development, and report writing
- Basics in data management
- Pharmacovigilance and drug regulation
- Drug development
- Systematic reviews and meta-analysis
- Project management and communication

Elective modules*

- Advanced statistics
- Advanced epidemiology
- Genetic epidemiology
- Advanced data management
- Economic evaluation
- Medical innovation
- Drug discovery
- Laboratory sciences
- Pharmaceutical biotechnology

**Any four out of nine elective modules are chosen during semester 2 and 3*

Bio - profile of students enrolled for Integrated MSc and PhD in Clinical Research, 2017 - 2019



Dr. Ankush Kuchekar

He is a dentist with 8 years of clinical experience. He has completed his GCP certification from NIH. His areas of interests include Pharmacovigilance (Medical coding, Signal detection), Clinical Epidemiology (Non – Communicable Diseases and Cancer), Drug Development and Regulatory Affairs. His skill sets include basic statistical analysis using Stata, designing research tools using CPro, systematic review and meta-analysis using RevMan. His Master's dissertation project is a hospital based diagnostic accuracy study to determine the performance of computer assisted diagnostic tool in distinguishing healthy oral mucosa and various stages of oral cancer.

Mr. Kirubakaran K K

He is a biotechnologist with 2 years of experience as a Systems Engineer in Medical Device, Diagnostics and Pharma manufacturing domain of TCS. He has completed his certifications in 21 CFR 11 from QuadOne Technologies and GCP from NIH. His areas of interests include Clinical Data Management, Applied Biostatistics, Clinical Trial Conduct & Operations and Pharmacovigilance/Materiovigilance. His skill sets include but not limited to data management using Stata, eCRF design using Clinion CDMS, research tool development using CPro and Dimagi's Commcare and meta-analysis using RevMan. His Master's research project is a community-based study to find the prevalence and associated factors of frailty among elderly in rural South India.



Ms. Rupali Jangid

She is a microbiologist. She has worked in an Innovation Research Project as a research fellow under University of Delhi. Her areas of interests include Epidemiological studies (Genetics and Infectious diseases), Clinical Trial Conduct, Clinical Data Management, Project Management, Pharmacovigilance and Drug Development. Her skill sets include basic statistical analysis using Stata, data management using CPro, systematic review and meta-analysis using RevMan, laboratory microbiological techniques and effective communication. Her Master's dissertation project is a hospital based study comparing psychological morbidity among Pediatric Intensive Care Unit survivors and pediatric patients admitted to wards

Ms. Sanchi Luthra

She is a Life Sciences graduate and has certifications in Good Clinical Practices from NIH and 21 CFR Part 11 from QuadOne technologies. She is skilled in basic statistical analysis using Stata, research tool development using CPro and meta-analysis using RevMan. She is interested in working on Non-Communicable Diseases and Mental Health with an inclination towards Clinical Data Management, Regulatory Affairs, Pharmacovigilance and Drug Development. Her Master's dissertation project is a community based study titled "Walkable Streets: An exploratory study of walking indicators of the built environment".

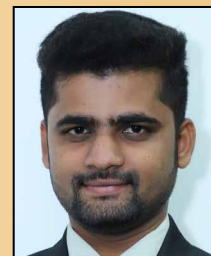


Mr. Rajath R Prabhu

He is a Life Sciences graduate. He has worked as a research fellow in an Innovation Research Project under University of Delhi. His areas of interests include Medicinal chemistry, Drug Development, Pharmacovigilance, Design and Analysis of Clinical Trials and Epidemiological studies (NCDs and Nutrition). His skill sets include basic statistical analysis using Stata, data management using CPro and systematic review & meta-analysis using RevMan. His Master's dissertation project is a cross-sectional study titled "Use of Generic Medicine: a study among consumers, prescribers and pharmacists in Delhi"

Dr. Hari Krishna Rapolu

He is a Pharm.D (Post Baccalaureate) graduate with clinical exposure in tertiary care hospital. He has completed his certification in GCP from NIH. His areas of interests include Clinical Trial Conduct & Operations, Drug Development, Health Economics and Outcomes Research (HEOR), Oncology and NCDs, Pharmacotherapeutics, and Pharmacovigilance. His skill sets include meta-analysis of RCT using RevMan, basic statistical analysis using Stata and data management using CPro. His Master's dissertation is a community based project titled "Willingness to Pay for Rotavirus Vaccine in South India"

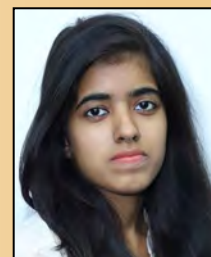


Ms. Shivangi Kumari

She is a graduate in biotechnology. Her areas of interests include Pharmacovigilance, Drug Development, Bioinformatics, Genetic Epidemiology (Cancer genetics) and Clinical Trials Conduct & Operations. Her skill sets include molecular laboratory techniques, basic statistical analysis using Stata and R, research tool development using CPro and systematic review & meta-analysis using RevMan. Her Master's dissertation project is a laboratory based study titled "Clinical and genetic risk factors associated with breast cancer"

Ms. Neha Tiwari

She is a Life Sciences graduate. She has completed her certifications in GCP from NIH and 21 CFR 11 from QuadOne technologies. Her areas of interests include Pharmacovigilance, Clinical Trial Data Management and Project Management. She is proficient with software such as basic statistical analysis using Stata, systematic review and meta-analysis using RevMan and research tool development using CPro and Clinion. Her Master's research project is a school based study in Delhi titled "Prevalence of Musculoskeletal Pain - A Cross sectional survey among school children"



Contact us for campus placement and recruitment

Ms. Shanti Dahal

Assistant Manager-Placements, PHFI
shanti.dahal@phfi.org, placementcell@phfi.org
Tel.: 0124-4722900 Extn. 4233, Mobile: +91-9873249719

Mr. Kirubakaran K. K.

Placement Cell Representative, IIPH-D
karan.kendhapedi@gmail.com
Mobile: +91-9790161495