



PUBLIC  
HEALTH  
FOUNDATION  
OF INDIA



# POST-GRADUATE DIPLOMA IN CLINICAL RESEARCH

(AUGUST 2010 – JULY 2011)

Venue: Indian Institute of Public Health (IIPH), Delhi

# POST-GRADUATE DIPLOMA IN CLINICAL RESEARCH

## BACKGROUND

Clinical Research is a systematic way of examining clinical conditions and outcomes, to establish relationships among clinical phenomena, to generate evidence for decision making and to provide impetus for improving methods of practice. It is a structured process of investigating and exploring facts and theories as applied to the patients and situations encountered in practice. It also involves a systematic study of new drugs in human subjects to generate data for discovering or verifying the clinical, pharmacological (including pharmaco-dynamic and pharmacokinetic) or adverse effects with the objective of determining safety and efficacy of the new drug.

As a signatory to the WTO agreements, India is looked upon a destination for conducting clinical research. With the rapid growth of the global pharmaceutical market it is estimated that more than 250,000 positions are vacant worldwide for people trained in clinical research and more than 50,000 professionals will be needed in India in this field. It is critical that such personnel have received quality training to take on this important profession.

## COURSE DESIGN AND DURATION

The PG Diploma program in Clinical Research is an intensive 1 year, full time program focusing on the scientific, ethics and operational issues related to clinical research. It is a fully residential program and will be offered on a modular basis.

## COURSE ADMINISTRATION AND LANGUAGE

In the year 2010-2011, the course is being offered from the Indian Institute of Public Health – Delhi (IIPH-D). English would be the main language of instruction.

## ELIGIBILITY

The course would be open to:

- Applicants with graduate/post-graduate qualifications in: medical and allied fields like dentistry, homeopathy, ayurveda and veterinary science and pharmacy.
- Applicants with post-graduate qualifications in: biological sciences (microbiology, biotechnology, botany, zoology), basic sciences (chemistry), nursing, physiotherapy, occupational therapy, social sciences with work experience in clinical research.
- Applicants currently engaged in clinical research design and operations such as: members of institutional ethics committees, faculty members and scientists in medical colleges/ institutions and officials engaged in clinical research.

- Applicants with experience of working in the health/ pharmaceutical sector.

Eligible candidates would be screened, based on their application and statement of purpose, by a specially constituted screening committee. Short-listed candidates would then be interviewed and the final list announced. Decisions taken by the selection committee will be final. Preference will be given to medical doctors/ in-services candidates nominated by the government for the program.

## NUMBER OF SEATS, COURSE OUTLINE & ACADEMIC TERMS

Twenty five candidates would be admitted in the academic year 2010-2011. The academic term would be divided into four terms of three months duration each. The first term will commence in August 2010.

## CONTENTS

The multi disciplinary curriculum would cover the following broad content areas: research methodology, literature search and systematic review, ethics of research, clinical trials – design and conduct, data management, statistics and research analysis, drug discovery, operational issues in clinical trials, drug safety and pharmaco-vigilance, drug regulatory affairs, proposal writing, dissemination of study findings, management and communication skills.

## TEACHING AND TRAINING METHODOLOGY

The course utilizes a variety of teaching/learning techniques. Training in clinical research will be complemented by providing the participants with an opportunity to engage in research related activities. The course includes a 12 week period of internship.

## FACULTY

A broad team of specialist faculty from diverse streams would be engaged in teaching the participants.

## EVALUATION SYSTEM

Participant evaluation would be through an ongoing internal evaluation (that includes discipline and classroom participation), during course work, and performance in the term examinations. The weightage allocated would be 60% to concurrent evaluation and 40% to the term examinations.

## COURSE FEES

The course fee is Rs. 2 lakhs per year, per participant. The cost for tuition fee is Rs. 1 lakh and cost for boarding and



lodging expenses is Rs.1 lakh. The course fee for international candidates is USD 10,000, per year, per participant (includes tuition fee and boarding and lodging expenses).

### SCHOLARSHIP

Limited number of scholarships will be awarded to the deserving and meritorious candidates.

### PLACEMENT OPPORTUNITIES

The internship during the coursework would provide the participants with an opportunity to interact with potential researchers. The setting may be a hospital, research organization or a pharmaceutical industry. The teaching institute will also strive to arrange for campus interviews with companies in clinical research pursuits. However, no formal guarantee will be provided to any participant regarding future job selection after the completion of the course.

### ABOUT PHFI

PHFI, a public-private partnership, is a large uniquely-designed & sustainable response to the service shortfall of public health professionals (needed in the government, NGO and private sectors) in India. The PHFI was launched on March 28, 2006 at New Delhi, by the Prime Minister of India, Dr. Manmohan Singh. PHFI is autonomously governed and is managed by a fully empowered, independent, Governing Board that is represented by multiple constituencies. These constituencies include representatives from government, contributing philanthropists and leading Indian and international professionals.

The PHFI's charter includes the setting up of new institutes for public health education and training in various States, assisting in the enhancement of capacity of existing public health training institutions, pursuing vigorous research and advocacy efforts on public health and related issues.

*The other programs offered by PHFI at the various IIPHs are as listed below:*

### Post Graduate Diploma in Public Health Management

This Diploma is a one year, fully residential course which aims to bridge the gap in public health managerial capacity amongst health professionals in the country. The development of managerial competencies is presently not a part of the formal medical/para-medical educational system. Hence, this program imparts the knowledge and skills to address and resolve key health management challenges.

### Post Graduate Diploma in Biostatistics and Data Management

This one year course is designed to enable students of statistics, mathematics and econometrics who have a sound background at the bachelor's level in theoretical statistics to develop applied skills for bio-statistical consulting, data management and analysis and applied research in biostatistics and epidemiology.

### Post Graduate Diploma in Health Economics, Health Care Financing and Health Policy

While it is known that enhanced knowledge and a better understanding of health economics is central to more effective policy-making for better health services, strategic capacity and skills to do so, has been one of our key challenges. This 9-month semi-residential diploma course in health economics is designed mainly for mid-career professionals. It will provide a basic understanding of key issues in health economics and economic evaluation for informed decision and policy-making.

### Masters in Public Health

This two year masters program aims to promote health systems and public health research and implementing solutions in institutional and field settings. It will prepare health professionals to work in socially, culturally and economically diverse populations by being attentive to needs of vulnerable and disadvantaged groups. It will work towards imparting qualities of leadership among public health professionals and effectively use communication skills for health advocacy. Through this program we will train personnel in program organization and management, problem solving, and critical thinking in the health systems and the public health domain.

### Epidemiology Distance Learning Course

PHFI is offering a distance learning course in epidemiology for those interested in learning basic concepts of epidemiology and developing epidemiology skills. This course will offer modules on six focus areas: Basic epidemiology, Practical epidemiology, Computer based Statistics, Communicable diseases, Non communicable diseases and writing research papers. There will be a strong emphasis on the applied aspect of epidemiology with numerous case studies and hands on exercises. The candidates enrolling in this program will be able to go through the course materials from their remote sites and will need to come for in class interaction with instructors only for a very short period.



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Program brochures and application forms are available on  
the PHFI website [www.phfi.org](http://www.phfi.org)

Please submit your filled application form to the Public Health  
Foundation of India, Delhi, at the address given below.

For other enquiries or nominations, please contact:

**MANAGER**

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