



PUBLIC  
HEALTH  
FOUNDATION  
OF INDIA



# PUBLIC HEALTH CAPACITY BUILDING WORKSHOP SERIES

(March- July, 2010)  
Venue: Indian Institute of Public Health (IIPH), Delhi

# Public Health Capacity Building Workshop Series

## BACKGROUND

The challenges that many developing countries experience in improving their health systems are, to a large extent, the result of long term neglect in the planning and management of capacity building in public health. Strategic inputs are required for public health researchers, public health practitioners, program managers, social scientists, epidemiologists and nutritionists in building their capacity for executing needs-based public health research and implementation of specific public health programmes.

In view of this, the Indian Institute of Public Health, Delhi is organizing a comprehensive training programme through a series of four workshops to increase the competence of public health practitioners in research skills and nutrition. The workshops cover the fundamentals of public health research tools and techniques, methods, analytical approaches, ethical guidelines and nutritional needs and management in specific conditions.

## WORKSHOP I: QUANTITATIVE RESEARCH METHODS FOR AYUSH PROFESSIONALS

22nd- 26th March 2010 (Monday- Friday)

The Task Force on "Research and Development (AYUSH)" for 11th Five Year Plan (2007-2012) laid emphasis on streamlining of AYUSH research so as to get quality output of scientific evidence for global acceptance. Quantitative procedures constitute the most commonly and widely used set of methods in medical and health research. The pool of AYUSH researchers and practitioners need to utilize these methods for carrying out various research activities. Thus it is imperative their knowledge and skills be refreshed and induced in learning quantitative research methods. A workshop for AYUSH researchers is planned for advancing their proficiency in health research methods.

### Contents:

- Principles of quantitative research methods
- Designing a research question and protocol writing
- Quantitative research techniques and tools
- Sampling methodology and techniques
- Fundamental principles of data management
- Analysis of research data
- Writing the research findings
- Ethical issues in research

**Registration fees:** Rs 10,000 per participant for the entire workshop and an additional Rs 5,000 for accommodation.

**Last date for registration: 10th March, 2010**

### Training Venue:

Indian Institute of Public Health-Delhi  
Plot 34, Sector 44, Institutional Area, Gurgaon-122002,  
Haryana, India, Phone: +91 124 4722900

### Course coordinator:

**Dr. Sumit Malhotra**, Senior Lecturer  
Indian Institute of Public Health-Delhi  
Telephone: 0124 4722903 Mobile: 9811172664  
E-mail: [sumit.malhotra@iiphd.org](mailto:sumit.malhotra@iiphd.org)

## WORKSHOP II: ADVANCED PEDIATRIC NUTRITION

7th to 9th May 2010 (Friday- Sunday)

India has a growing workforce of nutritionist/dietitians, doctors and nurses specializing in pediatric care. For the dietitians, their basic training in clinical nutrition provides limited exposure to the management of complex childhood diseases. The same is true for the medical teams taking care of children with complicated childhood diseases as dietary interventions are not emphasized in the medical curriculum. To address this deficiency, a practical training in providing optimal nutrition support to this segment of vulnerable children is desirable. This workshop is recommended for dietitians, nutritionists, pediatricians, gastroenterologists, nurses and health workers working with the pediatric populations, nurse educators and academicians involved in teaching clinical pediatrics and nutrition.

### Contents:

- General principles in pediatrics nutrition
- Parenteral nutrition in children
- Nutrition in neonates
- Nutritional Requirements and diet management in
  - » Failure to thrive
  - » Childhood obesity
  - » Diabetes in children and adolescents
  - » Malabsorption syndromes in children
  - » Inborn errors of metabolism
  - » Neurological disorders with specific emphasis on ketogenic diets
  - » Critically ill children
  - » Renal disorders in children
  - » Liver disorders in children

**Registration fees:** Rs 2500 per participant for the entire workshop and Rs 1500 for single day registration. (The fee is excluding accommodation)

**Last date for registration: 25th April, 2010**



### Training Venue:

Public Health Foundation of India  
ISID (Institute for Studies in Industrial Development) Campus, Block C  
4, Institutional Area, P B No.7513, Vasant Kunj, New Delhi- 110 070

### Course coordinator:

**Dr Suparna Ghosh-Jerath**, Lecturer  
Indian Institute of Public Health-Delhi  
Telephone: 0124 4722900 Mobile: 9711311910  
E-mail: [suparna.ghoshj@iiphd.org](mailto:suparna.ghoshj@iiphd.org)

### WORKSHOP III: OPERATIONS RESEARCH IN PUBLIC HEALTH

11th -14th May 2010 (Tuesday- Friday)

Operations Research (OR) or Implementation Research (IR) is the application of systematic research techniques to improve health programmes. The purpose of OR is to improve programs and provide information for management decision-making. OR enhances programme quality and facilitates efficient resource use. Successful OR is characterized by a close collaboration between public health personnel, program managers and researchers throughout the study. The value of OR is that it provides empirical evidence to support programme decisions and thus advance optimal utilization of resources. Through innovative and interactive pedagogic techniques the course will augment the knowledge and skills of the participants in fundamentals of design and conduct of OR.

### Contents:

- Overview and ingredients of operations research
- Study Designs in OR- descriptive and analytical
- Experimental, quasi and non experimental study designs
- Validity and reliability in OR
- Sampling approaches and basic analytical tools in OR
- Writing an OR proposal,
- Dissemination of the results of OR

**Registration fees:** Rs 4,000 per participant without accommodation and Rs 6,000 with accommodation.

**Last date for registration: 30th April, 2010**

### Training Venue:

Indian Institute of Public Health-Delhi  
Plot 34, Sector 44, Institutional Area, Gurgaon-122002, Haryana,  
India, Phone: +91 124 4722900

### Course coordinator:

**Dr. Sumit Malhotra**, Senior Lecturer  
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Telephone: 0124 4722903 Mobile: 9811172664

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### WORKSHOP IV: ETHICAL ISSUES IN HEALTH RESEARCH

12th to 15th July (Monday- Thursday)

Ethics is an integral component of health research projects. Today almost all biomedical research is reviewed by an ethics committee based in the institution and/or at the national level. Also it is likely that the institution/organization funding the study will do its own ethical review. Thus it is imperative for a public health researcher to be equipped with issues related to this pertinent component. Students need to know the content of ethical reviews and what issues are most important in conducting ethical research. Much of the course will be taught using a case method approach and students will have an opportunity to work through a number of ethical dilemmas in a variety of situations.

### Contents:

- Basis for ethical guidelines for biomedical, epidemiologic, and social science research
- Different ethical guidelines
- Informed consent
- Confidentiality
- Standards of care
- Conflict of interest
- Ethical issues in research methods
- Ethical issues in community-based research

**Registration fees:** Rs 4,000 per participant without accommodation and Rs 6,000 with accommodation.

**Last date for registration: 30th June 2010.**

### Training Venue

Indian Institute of Public Health-Delhi  
Plot 34, Sector 44, Institutional Area, Gurgaon-122002, Haryana,  
India, Phone: +91 124 4722900

### Course Coordinator

**Dr. Shifalika Goenka**, Assistant Professor  
Indian Institute of Public Health-Delhi  
Telephone: 0124-4722907  
E-mail: [shifalika.goenka@phfi.org](mailto:shifalika.goenka@phfi.org)

### Prof. Richard Cash,

Visiting Professor to the Public Health Foundation of India,  
Director of the Program on Ethical Issues in Global Health  
Research at the Harvard School of Public Health, USA



### ABOUT INDIAN INSTITUTE OF PUBLIC HEALTH-DELHI (IIPH-D)

Indian Institute of Public Health-Delhi has been set up to function as one of the nodal institutions for public health education, advocacy, research and practice, providing quality public health training to graduates of diverse disciplines. IIPH-D aims to pursue the mandate of equity in public health, bringing strategy, resources and networks to the issues and practice of public health in India. IIPH-D is an initiative of Public Health Foundation of India (PHFI) as one of its responses to the severe shortfall of public health professionals in the country.

### COURSE DIRECTOR

**Prof. Sanjay Zodpey, MD, PhD**

Director, Indian Institute of Public Health-Delhi  
 Director, Public Health Education  
 Public Health Foundation of India, New Delhi  
 E-mail: [sanjay.zodpey@phfi.org](mailto:sanjay.zodpey@phfi.org)

### HOW TO REGISTER

Interested participants may send their filled registration form along with the requisite Course Fee by way of demand draft drawn in favour of Public Health Foundation of India, payable at Delhi at the following address. Registration fees include workshop kit, meals and refreshment.

### KEY CONTACT PERSON

**Mr Benoy Thomas**

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 Indian Institute of Public Health-Delhi  
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### LIST OF WORKSHOPS

Title	Date
I Quantitative Research Methods for AYUSH Professionals	March 22-26, 2010
II Advanced Pediatric Nutrition	May 7-9, 2010
III Operations Research in Public Health	May 11-14, 2010
IV Ethical Issues in Health Research	July 12-15, 2010