

Workshop Series 2022-23



INDIAN
INSTITUTE
of PUBLIC
HEALTH
ESTABLISHED BY PHFI

DELHI

	Topics	Date
1.	Leadership in Health and Development Sectors	Jul 19-22, 2022
2.	Management of Reproductive and Child Health and Nutrition Programs	Aug 01-05, 2022
3.	Basic Statistical Analysis using SPSS	Aug 22-26, 2022
4.	Project Management of Health Programs	Aug 22-26, 2022
5.	Sample Size Estimation and Sampling Techniques in Health Research	Aug 30-Sep 02, 2022
6.	Online Workshop 'Data visualization in R for Public Health professionals'	Sep 6-9, 2022
7.	Operations Research in Public Health	Sep 13-16, 2022
8.	Economic Evaluation of Health Care Programs	Sep 19-23, 2022
9.	Epidemiological Analysis and Visualization of Outbreak Data in Excel and R	Oct 18-21, 2022
10.	Basic Statistical Analysis using Stata	Oct 31- Nov 4, 2022
11.	Systematic Reviews and Meta-analysis using RevMan	Nov 14-18, 2022
12.	Nutritional Management of Severe Acute Malnutrition (SAM): A Capacity Building Workshop	Nov 21-25, 2022
13.	Designing, Analysis and Interpretation of Quantitative Health Research	Nov 28-Dec 02, 2022
14.	Sensitization to Qualitative Research Methods for Health Professionals	Nov 29-30, 2022
15.	Monitoring and Evaluation of Health Programs for Improved Decision Making	Dec 05-09, 2022
16.	Research Ethics	Dec 06-07, 2022
17.	Strengthening of Routine Health Information Systems (RHIS)	Dec 12-16, 2022
18.	Evidence-based Public Health Programming for Early Childhood Development	Jan 18-20, 2023
19.	Introduction to Infectious Disease Modelling	Feb 13-17, 2023
20.	Impact Evaluation: Public Programs in Health	Feb 20-24, 2023
21.	Medical Writing	Feb 28-Mar 03, 2023
22.	Application of Econometrics in Health Policy Analysis	Mar 13-17, 2023
23.	Approaches for Implementing Adolescent Health Programs	Mar 21-24, 2023



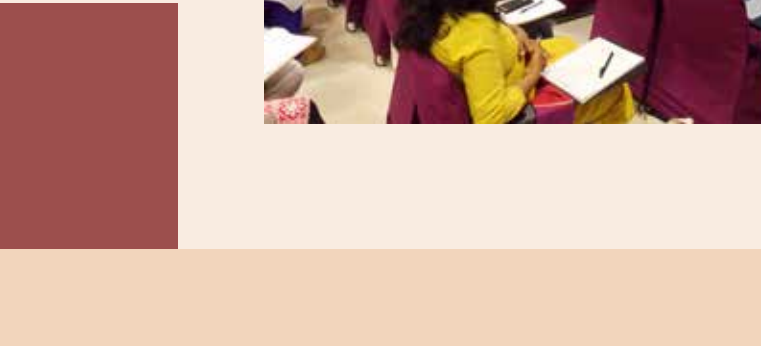
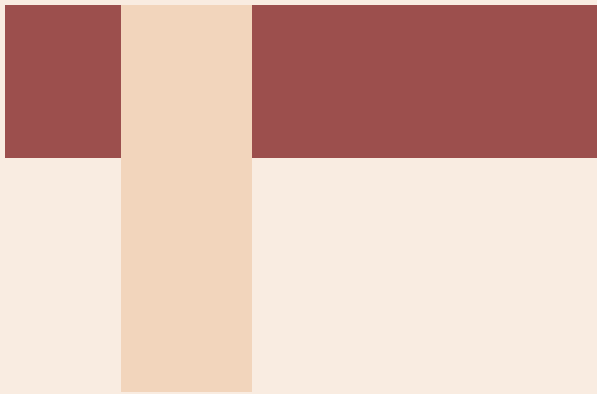
Key contact person:

Ms. Tanuja Bhandari, Manager – Training Programs
Indian Institute of Public Health, Delhi
Public Health Foundation of India (PHFI)

Plot 47, Sector 44, Institutional Area | Near HUDA City Centre Metro Station | Gurugram-122002, Haryana, INDIA

Tel: +91 124 4722900 (Ext: 4110)

Email: trainings@iiphd.org | Website: www.phfi.org



1

Leadership in Health and Development Sectors July 19 - 22, 2022 (Tuesday-Friday)

The 21st century has seen a lot of transition in the health and development sectors, with the focus being on transformative education and leadership. This reform depends on the development of leadership skills and change agents. While sound managerial skills ensure results in the short and medium-term, the progress of a country is shaped by managers with a vision and inspired leadership abilities. Leadership is a complex multidimensional concept; strong leadership is critical for realizing the vision of transformed healthcare and development sectors. In these fields, leadership serves as an asset to face challenges and is an important skill to possess. In order to reach this goal, common leadership skills must be looked for among young as well as experienced professionals studying or working in these sectors.

This workshop aims to impart leadership skills to those in the health and development sectors. The participants at the end of the workshop would be the ability to demonstrate leadership attributes in their respective workplaces, so as to address the challenges and needs of the population.

Last date of registration July 5, 2022

Contents:

- What is leadership?
- Leadership characteristics
- Leadership styles
- Motivation
- Time management
- Managing an organization
- Communication
- Team building
- Conflict resolution
- Advocacy
- Ethics of leadership

Course Fee:

Indian Participant:

8000 INR per participant

International Participant:

16000 INR per participant

Course Coordinator:

Dr. Preeti Negandhi
Additional Professor
Tel.: +91 124 4722900 (Extn: 4212)
E-mail: preeti.negandhi@iiphd.org

2

Management of Reproductive and Child Health and Nutritional Programs August 01-05, 2022 (Monday-Friday)

Short Course in RCH Program Management is a training course designed to develop understanding about RCH programs and delivery of priority interventions. The aim of the training would be to develop the capacity of participants on managerial aspects of RCH program. The aspects of program management and implementation like planning and development of district annual plan, identifying gaps, stakeholder management and quality assurance will be a part of deliberations. The course is designed for public health professionals working at district and sub-district levels who are responsible to convert the vision for RCH described by the national-level planners in the strategic plan and turn it into action on the ground.

Last date of registration is July 18, 2022

Contents:

- Reproductive and Child Health – Epidemiology and Interventions
 - ▶ Maternal and Neonatal health
 - ▶ Child health
 - ▶ Adolescent Health
 - ▶ Identify the key causes that influence reproductive and child health
 - ▶ Specify strategies for effective interventions in relation to reproductive and child health
 - ▶ Understand the need for a continuum-of-care package within the RCH program
- Reproductive and Child Health – Planning Implementation
 - ▶ concept of health planning process
 - ▶ Identify strengths and weakness of program
 - ▶ Review program goals and objectives Reproductive and Child Health – Managing Implementation
- Manage Implementation
 - ▶ Stakeholder management
 - ▶ Quality assurance
 - ▶ Community mobilization

Course Fee:

Indian Participant:

10000 INR per participant

International Participant:

20000 INR per participant

Course Coordinator:

Dr. Jyoti Sharma
Additional Professor
Tel.: +91 124 4722900 (Extn: 4114)
E-mail: jyoti@iiphd.org



Basic Statistical Analysis using SPSS August 22-26, 2022 (Monday-Friday)

Statistics plays an essential part at all stages of a research study in almost all disciplines, from planning, through conduct and to the final analysis. A researcher needs basic knowledge and understanding of statistical concepts to communicate with a statistician. With the introduction of statistical packages, by and large computing is done using computers and not manually, hence quantitative analysis of the data is often attempted by most researchers who are familiar with their research objectives and the data. This workshop proposes to cover basic statistical concepts required for understanding study results along with hands on experience of doing basic analysis using the statistical software SPSS (IBM SPSS Statistics 22). This workshop will help new users achieve a basic understanding of how to use SPSS for basic statistical analysis; as well as aid those who wish to further their skills in using SPSS.

Last date of registration is August 8, 2022

Contents:

- Introduction to SPSS
 - ▶ Data entry
 - ▶ Data management
- Summarizing data
 - ▶ Numerically
 - ▶ Graphically
- Inferential statistics
 - ▶ Hypothesis testing
 - ▶ Parametric and non-parametric tests
- Adjusted analysis
 - ▶ Linear regression
 - ▶ Introduction to logistic regression

Course Fee:

Indian Participant:

12500 INR per participant

International Participant:

25000 INR per participant

Course Coordinator:

Dr. Ranjana Singh

Associate Professor

Tel.: +91 124 4722900 (Extn: 4211)

E-mail: ranjana.singh@iiphd.org



Project Management of Health Programs August 22-26, 2022 (Monday - Friday)

This workshop would cover key issues in project management and go through each part of the Project Cycle Management. This workshop aims to provide participants with certain tools of project management that would enable managers to use/assess and respond to issues in their own workplaces. The training would use adult learning methods including case-studies and practice sessions.

At the end of the workshop the participants are expected to be capable of designing a robust health project with a focus on final results, identify various project management activities and use relevant tools for efficient functioning

Last date of registration is August 8, 2022

Contents:

- Project Management
- Project Cycle Management
 - ▶ Scenario Definition and tools therein
 - ▶ Design and Development and tools therein
 - ▶ Implementation and Monitoring and tool therein
- Evaluation
- Tools in project Management
 - ▶ The Logical Framework
 - ▶ Project Prioritization Matrix
- Stakeholder Management Framework
- Risk Management Framework

Course Fee:

Indian Participant:

10000 INR per participant

International Participant:

20000 INR per participant

Course Coordinator:

Mr. Shomik Ray

Associate Professor

Tel.: +91 124 4722900 (Extn: 4115)

E-mail: shomik.ray@iiphd.org

5

Sample Size Estimation and Sampling Techniques in Health Research August 30-September 2, 2022 (Tuesday-Friday)

Sample size estimation is one of the key activities undertaken while designing any research study. An adequate estimate (not less and not more) of sample size is important for ethical, scientific, and logistic reasons. This workshop will introduce the statistical concept behind sample size estimation and go on to have practical exercises for sample size calculation of various study designs and outcome variables.

Appropriate sampling techniques are essential to avoid selection bias and improve the generalizability of study findings. In this workshop, various sampling techniques including randomization methods for experimental designs will be covered with discussions on the advantages and disadvantages of each method.

At the end of the workshop, the participants will be able to decide on the appropriate sample size calculation method for the given study design, appreciate the effect of assumptions on sample size calculation, and choose the appropriate sampling technique given the sample size.

Last date of registration is August 16, 2022

Contents:

- Statistical principles for sample size calculation
- Relating study design and analysis with sample size calculation
- Using “nMaster” software for sample size calculation
- Sampling techniques
 - ▶ Probability sampling methods
 - ▶ Non Probability methods

Course Fee:

Indian Participant:

10000 INR per participant

International Participant:

20000 INR per participant

Course Coordinator:

Dr. Saurav Basu

Assistant Professor

Tel.: +91 124 4722900 (Extn: 4209)

E-mail: saurav.basu@iiphd.org

6

Online Workshop ‘Data Visualization in R for Public Health Professionals’ September 06-09, 2022 (Tuesday-Friday)

Main aim of this workshop is to make participants well versed in basic programming in R using in-built functions and coding while learning how to visualize data using R. After attending this workshop, participants will familiarize with programming in R, will be able to handle big data (including data cleaning) and visualize data in different forms of graphs and plots and observe patterns from the graphs about the data.

Last date of registration is August 23, 2022

Contents:

- Introduction to R and R Studio and Installation
- Different Components of the R Studio interface
- Basic R grammar
- Introduction to ggplot2/ggplot function
- Installing ggplot2 package
- Grammar of Graphics with ggplot2
- Writing R codes to create and customize various graphs- Scatter, Line and Bar plot, Box plot, Heat Map, Tree Map etc.

Course Fee:

Indian Participant:

6000 INR per participant

International Participant:

12000 INR per participant

Course Coordinator:

Dr. Surabhi Pandey

Associate Professor

Tel.: +91 124 4722900 (Extn: 4117)

E-mail: surabhi.pandey@phfi.org

7

Operations Research in Public Health September 13-16, 2022 (Tuesday-Friday)

Operations Research (OR) or Implementation Research (IR) is the application of systematic research techniques to improve health programs. The purpose of OR is to improve programs and provide information for management decision-making. OR enhances program 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 program 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.

Last date of registration is August 30, 2022

Contents:

- Overview and ingredients of operational research
 - ▶ Trends and themes in OR in LMICs and India
 - ▶ Relevance of OR to health policy
- 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

Course Fee..

Indian Participant:

8000 INR per participant

International Participant:

16000 INR per participant

Course Coordinator:

Dr. Saurav Basu

Assistant Professor

Tel.: +91 124 4722900 (Extn: 4209)

E-mail: suurav.basu@iiphd.org

8

Economic Evaluation of Health Care Programs September 19-23, 2022 (Monday - Friday)

Policy makers and managers have to constantly look for evidences to base and back up their decisions with. These evidences come from various forms of Research conducted at different levels. Economic Evaluations provide valuable evidence on the Economic aspects of Public Health Programs. This workshop would provide an overview at the various forms of Economic Evaluations and their usage while dealing in great details with one specific form – Cost Effectiveness Analysis. The participants would conduct a CE analysis during the course using a Case study and have hands on experience of working on a Decision Analysis Software

At the end of this workshop participants should be able to: understand the various forms of Economic Evaluations and their usage, get a detailed understanding and practice of Cost Effectiveness Analysis, identify various areas in their own workplaces that may benefit from economic evaluations, initiate independent studies using basic economic modelling.

Last date of registration is September 5, 2022

Contents:

- Need for Economic Evaluations
- Types of Economic Evaluations
- Decision Analysis using computer software
 - ▶ Cost Effectiveness Evaluation
 - ▶ Methods
 - ▶ Data requirements
 - ▶ How to conduct a CE analysis
 - ▶ Interpretation of results
- Cost Effectiveness and decision making

Course Fee..

Indian Participant:

12500 INR per participant

International Participant:

25000 INR per participant

Course Coordinator:

Mr. Shomik Ray

Associate Professor

Tel.: +91 124 4722900 (Extn: 4115)

E-mail: shomik.ray@iiphd.org



Epidemiological Analysis and Visualization of Outbreak Data in Excel and R October 18-21, 2022 (Tuesday-Friday)

This workshop will be focused on how to analyze the data during an outbreak of a disease or epidemic. Covid19 data will be used for analysis. However, concepts can be applied to data from the seasonal outbreak of infectious diseases as well. Basic knowledge of programming in R is pre-requisite

Last date of registration is October 04, 2022

Contents:

- Epidemiological Data Analysis of Covid19
- Population projections using census data
- Hands on in Excel with Covid19 reported data
- Visualization of Epi-indicators in R-Studio
- Geo-spatial visualization of Covid19 data in R-Studios

Course Fee.:

Indian Participant:

10000 INR per participant

International Participant:

20000 INR per participant

Course Coordinator:

Dr. Surabhi Pandey
Associate Professor
Tel.: +91 124 4722900 (Extn: 4117)
E-mail: surabhi.pandey@phfi.org



Basic Statistical Analysis using Stata October 31-November 04, 2022 (Monday-Friday)

With the evolution of statistical packages, quantitative analysis of the data is restricted not only to statisticians, even non- statisticians have ventured in analysing their own data. This workshop on Stata aims to enable the researcher in managing data, performing basic statistical and epidemiological analysis, turning raw data into effective tables, figures and other research products. This workshop will also empower the researcher to communicate confidently with the scientific community. Participants applying to this workshop do not require prior working knowledge in Stata, however, prior knowledge of basic statistics would be desirable.

Last date of registration is October 17, 2022

Contents:

- Data management using Stata
- Describing qualitative and quantitative data
 - ▶ Numerically and graphically
- Univariable analyses
 - ▶ For means, proportions and rates
- Analysis of Variance (ANOVA)
- Linear regression
- Introduction to logistic regression

Course Fee.:

Indian Participant:

12500 INR per participant

International Participant:

25000 INR per participant

Course Coordinator:

Dr. Ranjana Singh
Associate Professor
Tel.: +91 124 4722900 (Extn: 4211)
E-mail: ranjana.singh@iiphd.org

11

Systematic Reviews and Meta-analysis using RevMan November 14-18, 2022 (Monday - Friday)

Over the years formal methods have been developed for systematically reviewing studies, to produce explicitly formulated, reproducible and up to date summaries of effects of healthcare interventions. This has led to a sharp increase in the number of reviews that use these formal methods. It is therefore essential that students undertaking dissertations on work, practicing clinicians, health researchers and policymakers are familiar with the processes involved in the performance and interpretation of systematic reviews.

At the completion of this workshop, participants will know the steps involved in undertaking and interpreting a systematic review using RevMan; appraise published systematic reviews. The participants are requested to carry their own laptops.

Last date of registration is October 31, 2022

Contents:

- Rationale of systematic reviews
- Locating systematic reviews
- Formulating a systematic review question
- Developing a protocol for a systematic review
- Identifying and selecting trials
- Critical appraisal of trials
- Reducing bias in conduct of systematic reviews
- Synthesis in systematic reviews
- Statistical approaches and software (RevMan 5) for meta- analysis
- Working with RevMan
- Reporting standards of systematic reviews
- Critical appraisal of systematic reviews and meta-analysis

Course Fee:

Indian Participant:

12500 INR per participant

International Participant:

25000 INR per participant

Course Coordinator:

Dr. Himanshu Negandhi

Project Director and Adjunct

Additional Professor

Tel.: +91 124 4722900 (Extn: 4217)

E-mail: himanshu.negandhi@iiphd.org

12

Nutritional Management of Severe Acute Malnutrition (SAM): A capacity building workshop November 21-25, 2022 (Monday-Friday)

India currently has one of the highest malnutrition rates in the world. According to National Family Health Survey (NFHS)-5, India has made little progress towards achieving the target for reducing child malnutrition, with some states reporting a higher prevalence as compared to NFHS-4. The rate of wasting, stunting and underweight among children under 5 years of age (U-5 children) in India remains high at 19.3%, 35.5% and 32.1% respectively. These figures are higher than the prevalence of wasting (8.2%) and stunting (27.4%) in South-east Asia region. Despite promising economic growth and a plethora of nutrition interventions, malnutrition was the predominant risk factor for death in U-5 children in every state of India in 2017, accounting for 68.2% of the total under-5 deaths. In order to address this nutrition crisis, initiatives like POSHAN Abhiyaan by the Prime Minister of India are symbolic and reflect commitments and prioritisation given to elimination of malnutrition from the country at the highest levels of policy making. The workshop on “Nutritional Management of Children with Severe Acute Malnutrition (SAM)” aims to enable the participants develop technical competencies in nutrition service delivery targeted towards children with undernutrition at the facility as well as the community level. The workshop intends to focus on core principles of paediatric nutrition with sessions on infant and young child feeding practices, growth monitoring and promotion and specific technical skill development sessions on community and facility based management of children with SAM. A session on principles of behaviour change communication for providing effective nutrition education to the caregivers of SAM children after discharge from the program and prevention of SAM is also a key highlight of this workshop.

Last date of registration is November 7, 2022

Contents:

- General principles of child nutrition and nutritional requirements in infancy and childhood.
- Infant and Young Child Feeding (IYCF) practices
- Principles of Behaviour Change Communication (BCC)
- Nutrition education and counselling
- Assessment of nutritional status, growth monitoring and promotion, hands-on session on growth monitoring
- Child under nutrition: screening, detection and referral
- Facility based management of severe acute malnutrition
- Community based management of severe acute malnutrition
- Applying principles of nutrition education and BCC for planning counselling sessions, follow up and compliance

Course Fee:

Indian Participant:

10000 INR per participant

International Participant:

20000 INR per participant

Course Coordinator:

Dr. Suparna Ghosh-Jerath

Professor and Head, Community

Nutrition

Tel.: +91 124 4722900 (Extn: 4104)

E-mail: suparna.ghoshj@iiphd.org

13

Designing, Analysis and Interpretation of Quantitative Health Research November 28-December 02, 2022 (Monday-Friday)

Quantitative health research involves epidemiological and statistical skills. Once data is collected one must be skilled in managing such data in terms of its entry, cleaning, management, analyses and finally interpretation. All of these links are critically important in creating results which will be useful at the end in terms of fulfilling the purpose for which huge amounts of resources are devoted in any research project. This workshop will benefit anyone involved in quantitative health research such as surveys, experiments or trials, disease surveillance etc. Thus this workshop can be very useful for health professionals, social researchers, health economists, NGO professionals and government health workers. This workshop will enable the participants to manage, analyse and interpret data in quantitative health research

Last date of registration November 14, 2022

Contents:

- Overview of quantitative research
- Skills required for quantitative research
- Data entry and management using CSPro
- Data analysis in quantitative research using SPSS
- Introduction to software for data management and analysis (CSPro and SPSS)
- Interpreting quantitative data analysis results

Course Fee:

Indian Participant:

12500 INR per participant

International Participant:

25000 INR per participant

Course Coordinator:

Dr. Saurav Basu, Assistant Professor

Tel.: +91 124 4722900 (Extn: 4209)

E-mail: saurav.basu@iiphd.org

14

Sensitization to Qualitative Research Methods for Health Professionals November 29-30, 2022 (Tuesday-Wednesday)

This workshop is a sensitization workshop for any health professional or clinician: doctors, dentists, physiotherapists, nurse, clinical research professionals and bio statisticians. It aims to sensitive participants to the nuances of qualitative research, its uses, its benefits, in what type of research questions do you require to use qualitative research methods and the differences in the approaches and types of data gathered.

This course will enable the doctors, paramedics and other participants in health research to familiarize themselves with the general principles, practices, characteristics and usages of qualitative research methods within clinical research. It familiarizes them with the techniques and methods used. It would enable them to decide when and how they need to use qualitative research methods in clinical research. They will learn how qualitative research methods are different from quantitative research, how qualitative research methods are used to enhance validity of clinical trials. They will learn through examples: how qualitative research studies are nested within randomized trials, the various dimensions of qualitative research methodology - ethics, variables, validity, reflexivity and reliability and also an introduction to analysis. This course uses a modern combination of lectures, group work, hands-on exposure and computers to teach for enhanced learning and retention.

Last date of registration is November 15, 2022

Contents:

- What is qualitative research?
- Principles and practice of qualitative research methods
- Scope and applications of qualitative research methods
- The 'Tool Box' in qualitative research methods
- Qualitative Research Methods: Hands on sessions on Observations
- Qualitative Research Methods: In-depth interviews. Hands on sessions on in-depth interviews
- Qualitative Research Methods: Focus group discussion. Hands on sessions on FGDs
- Case Study: Qualitative Research Methods for better design and conduct of randomized controlled trials
- Case study: Qualitative Research Methods - for Moving from efficacy trials to effectiveness trials and translational research (case based learning)
- How to you make your qualitative research scientifically rigorous, enhance validity
- Principles of analysis and writing up qualitative research

Course Fee:

Indian Participant:

4000 INR per participant

International Participant:

8000 INR per participant

Course Coordinator:

Dr. Shifalika Goenka, Professor

Tel.: +91 124 4722900 (Extn: 4102)

E-mail: shifalika.goenka@iiphd.org

15

Monitoring and Evaluation of Health Programs for Improved Decision Making

December 05-09, 2022 (Monday-Friday)

Monitoring and Evaluation (M&E) is the process by which data are collected and analysed in order to provide information to policy makers and others for use in program planning and project management. M&E is important because it helps program implementers make informed decisions regarding program operations and service delivery based on objective evidence. It also ensures the most effective and efficient use of resources, helps determine the success or failure of a program, and assists in meeting organizational requirements. M&E skills are crucial to the successful implementation, design, and tracking of program progress and output of various programs. This workshop offers intensive training that will cover the fundamental concepts and tools for monitoring and evaluation of various health programs.

Last date of registration is November 21, 2021

Contents:

- Introduction to M&E
- Overview of M&E plan
- M&E frameworks
- Indicators
- Data demand and use
- Data Sources and Data Quality
- Program Evaluation
- M&E tools like: PRISM, DQA, DDIU, LQAS etc.

Course Fee:

Indian Participant:

10000 INR per participant

International Participant:

20000 INR per participant

Course Coordinator:

Dr. Himanshu Negandhi

Project Director and Adjunct

Additional Professor

Tel.: +91 124 4722900 (Extn: 4217)

E-mail: himanshu.negandhi@iiphd.org

16

Research Ethics

December 06-07, 2022 (Tuesday-Wednesday)

Research ethics is the bedrock of quality health research. High quality ethics in research requires the research design to be ethical and implementation processes of the research to be ethical too. Poor science is also unethical. Additionally, it is mandatory that all research involving humans is reviewed by the institutional ethics committee which is situated at the parent institution where the research is being conducted and/in addition/or by national committees. Publication of your research findings is also almost impossible without ethical clearance. It is important that “Chairs”, “members of ethics committees” and investigators are cognizant and sensitized to the multi-faceted dimensions of research ethics and its implementation. Thus it is imperative for the members of ethics committees, investigators, doctors and public health researchers, and students of medicine and those in allied sciences to be equipped with issues related to ethics. These could be nurses, physiotherapists, dentists, microbiologists, pathologists, surgeons, medical superintendents etc. This course will enable them to conceive, develop the research design, write it, implement and conduct research in an ethical manner. They can also review the ethical soundness of studies.

This course aims to sensitize members of ethics committees, researchers and students on the ethical principles of research ethics in humans, essentially in the context of public health research and implementation trials. Its an experiential course. Real time situations and examples of challenging situations which are common in every day research and practice can be viewed through suggested links of videos. Much of the course will be taught using a case method approach and participants will have an opportunity to work through a number of ethical dilemmas in a variety of situations.

Last date of registration is November 22, 2022

Contents:

The course contents include the following :

- Principles of research ethics in humans and the history of ethics,
- Ethics of placebo trials and clinical equipoise,
- privacy and confidentiality,
- informed consent,
- conflict of interest,
- ethical issues in community-based research,
- standards of care,
- publication ethics,
- Institutional Review Boards (IRBs) also known as Institutional Ethics Committees (IECs) - objectives, constitution, roles, responsibilities, review process, and sensitization to Covid related updates and ICMR regulations

Course Fee:

Indian Participant:

4000 INR per participant

International Participant:

8000 INR per participant

Course Coordinator:

Dr. Shifalika Goenka, Professor

Tel.: +91 124 4722900 (Extn: 4102)

E-mail: shifalika.goenka@iiphd.org

17

Strengthening of Routine Health Information Systems (RHIS) December 12-16, 2022 (Monday-Friday)

One of the six building blocks of health systems is a sound and reliable health information system (HIS). Key attributes of the health information system are not only generation of reliable data but also critical utilization of this data for decision-making. Many health-related programs often fail to reach optimal success because they fall short of efficient use of data to inform decisions. There is limited evidence to suggest that effective use of RHIS leads to better value of the data generated by the health workers, improvement in the quality of health care and in providing support to program planning, implementation and decision making.

Despite several initiatives and numerous health information systems, overall data utilization in health sectors in India has been found to be very low. This inadequacy, in the long term, can affect the motivation of the health professionals which has a critical influence on the performance of the program. Data analysis skills have shown to be strongly related to data use. This is an opportune moment to invest in RHIS given the momentum surrounding the SDGs. Given this context, we propose a capacity building workshop for healthcare professionals that not only provides a basic orientation of the concepts and principles of RHIS, but also generates an interest to motivate the use of data for operational and strategic decision making.

Last date of registration November 28, 2022

Contents:

- Role of routine data in health systems strengthening
- RHIS data elements and indicators
- Overview of primary RHIS portals (HMIS)
- RHIS data collection, presentation, analysis and interpretation
- RHIS data quality and checks
- RHIS data use to support decision making and action

Course Fee:

Indian Participant:

10000 INR per participant

International Participant:

20000 INR per participant

Course Coordinator:

Dr Preeti Negandhi

Additional Professor

Tel.: +91 124 4722900 (Extn: 4212)

E-mail: preeti.negandhi@iiphd.org

18

Evidence-based Public Health Programming for Early Childhood Development (ECD) January 18-20, 2023 (Wednesday-Friday)

The objectives of the workshop are to have participants understand and;

1. Learn about Early Child Development (ECD) and nurturing care framework, scientific evidence on interventions for ECD
2. Learn about existing policies, program schemes/strategies, and assessments relevant to ECD and nurturing care framework across different sectors in India;
3. Identify gaps and opportunities, and strategies for holistic, inclusive ECD interventions with multi-sectoral coordination and ownership;
4. Plan interventions for empowering parents regarding responsive parenting, monitoring development, early stimulation and follow-up therapy for 0-3 year olds, including monitoring.

After the workshop the participants will understand nurturing framework; learn about ECD, ECCE, and growth and development monitoring through HBNYC and ICDS; the role of primary care and RBSK mobile teams for strong forward linkages with secondary and tertiary care, and follow-up at the community level for the continuum of care;

They shall take home knowledge and skills to plan for an integrated ECD program or intervention in their unit or community, and monitor the progress of proposed interventions.

Last date of registration is January 4, 2023

Contents:

- ECD and nurturing care; impact on child development and adulthood
- Global evidence on effective ECD interventions and determinants; lessons from pilots in India
- Existing policies, programmes, strategies relevant to ECD in India; gaps & opportunities for multi-sectoral integration
- Theory of change for State-led integrated ECD program; integration of programs and continuum of care
- Brainstorming for planning interventions to empower parents regarding nurturing care in India
 - ▶ integration of HBN&YC, ICDS, and Panchayati raj at community;
 - ▶ Strengthening primary care and linkages
 - ▶ integration of SNCUs, NRCs, with DEICs, for care and follow-up
- Monitoring progress in parenting practices and child development

Course Fee:

Indian Participant:

6000 INR per participant

International Participant:

12000 INR per participant

Course Coordinator:

Dr. Samiksha Singh

Additional Professor

Tel.: +91 124 4722900 (Extn: 4208)

E-mail: samiksha.singh@iiphd.org

19

Introduction to Infectious Disease Modelling February 13-17, 2023 (Monday-Friday)

This workshop is useful for individuals who are interested in understanding infectious disease spread and control on the population level from a dynamic systems and modelling perspective. This workshop will introduce epidemiological and mathematical concepts underlying infectious disease modelling.

Last date of registration January 30, 2023

Contents:

- History of Mathematical Modelling (w.r.t Infectious Disease)
- Different Modelling Approaches
- Compartmental Models
- Interacting Population Model (SIR)
- Mortality Due to Infection/Disease
- Fatal Infections (SI Models)
- Infection/Disease without Immunity (SIS model)
- Formulating Models for different diseases such as Bacterial, Vector-borne, carrier dependent etc.
- Simulating SIR model in Excel
- Stimulating compartmental model in R (if participants are aware of programming in R)

Course Fee:

Indian Participant:

10000 INR per participant

International Participant:

20000 INR per participant

Course Coordinator:

Dr. Surabhi Pandey

Associate Professor

Tel.: +91 124 4722900 (Extn: 4117)

E-mail: surabhi.pandey@phfi.org

20

Impact Evaluation: Public Programs in Health February 20-24, 2023 (Monday-Friday)

This 5-day course on Impact Evaluation of Public Health Programs aims to provide with the necessary scientific methodology and practical knowledge to meet the growing demand for rigorous impact evaluation of development programs in general and public health programs in particular. At the end of this course the participants will be able to understand fundamental concepts of 'Treatment Effects' and will be equipped to conduct quantitative rigorous impact evaluation. Through a combination of theory, application and practical examples this course will address:

- How to design an impact evaluation – research design?
- How do we frame the right evaluation questions and choose the right indicators?
- How to design a cluster randomized control trial?
- How to design a quasi-experimental study design?
- What is role of confounders and how to control them?
- How to use the study results for decision-making?

Stata 15 software will be used for demonstration and to work on the practical exercise. The participant is expected to know basic Stata for participating in the workshop. Since the course uses significant amount of statistical and econometric modelling, participants are also expected to have some basic knowledge of statistical and econometric tools.

Last date of registration is February 6, 2023

Contents:

The course is designed as blended course with both in-class lectures, exercises and self-learning. :

- Types of impact evaluation designs
 - ▶ Randomized Control Trial -- Randomization and masking; Trial protocol; Sample size estimation; Analyzing trial data
 - ▶ Quasi-experimental (non-experimental) designs
- Econometric techniques for impact evaluation
 - ▶ Revision of basic econometrics
 - ▶ Instrumental variables technique
 - ▶ Propensity score matching and other matching techniques
 - ▶ Regression discontinuity
 - ▶ Difference-in-difference methods

Course Fee:

Indian Participant:

12500 INR per participant

International Participant:

25000 INR per participant

Course Coordinator:

Dr. Anup Karan

Additional Professor

Tel.: +91 124 4722900 (Extn: 4251)

E-mail: anup.karan@iiphd.org

21

Medical Writing February 28-March 03, 2023 (Tuesday-Friday)

Medical writing includes developing a proposal/ grant application to undertake research, writing a report after completion of the study and writing for a scientific journal. Writing scientific papers is hard even for persons who have a natural skill for writing. A clear and transparent reporting of research finding is essential to avoid misinterpretation of the study results. This workshop is intended to impart researchers with basic skills in medical writing and get introduced to standard reporting guidelines for various research designs.

Last date of registration February 14, 2023

Contents:

- Literature review
- Referencing methods and plagiarism
- Proposal writing
- Requirements for grant submission
- Writing a report
- Writing for a scientific journal
- Reporting Guidelines
- Submission process to medical journals
- Peer reviewing and responding to peer reviewers' comments

Course Fee:

Indian Participant:

8000 INR per participant

International Participant:

16000 INR per participant

Course Coordinator:

Dr Preeti Negandhi

Additional Professor

Tel.: +91 124 4722900 (Extn: 4212)

E-mail: preeti.negandhi@iiphd.org

22

Application of Econometrics in Health Policy Analysis March 13-17, 2023 (Monday-Friday)

This five-day course on "Econometrics for Health Policy" (EHP) will serve as an introduction to some of the concepts and principles in the economics of health and health care. The course focuses on developing the theoretical basis and practical application of the most common empirical issues faced by researchers in health policy observational research. Thanks to the increasing availability of detailed micro-data, the EHP course aims to develop specific methodological and computational skills among the participants enabling them to handle most pressing issues in health and healthcare policy analysis. It has two main objectives: (1) to develop skills of econometric analysis in linking economic behavioural models and quantitative analysis for addressing issues related health policy; (2) to develop abilities among the participants to understand and evaluate critically other existing econometric studies.

The course is designed especially for healthcare professionals, doctoral and advanced master level students, MD students, researchers, and CEOs interested in pursuing a high-stake career in the field healthcare policy analysis. A basic knowledge of statistics including regression analysis, Ordinary Least Square (OLS), is a pre-requisite for attending this course. Primarily will be taught through lectures and practical exercises. Real-time data will be used in lectures and demonstration of analysis. Problem-solving classes will familiarise participants with concepts and techniques through a hands-on approach. Problem sheets will be provided to encourage self-study.

Last date of registration February 27, 2023

Contents:

- Review of Ordinary Least Square (OLS) regression analysis; Assumptions of OLS, Identification of econometric issues causing biases in OLS estimates;
- Understanding and addressing multi-collinearity and heteroscedasticity issues;
- Maximum Likelihood Estimation (MLE); When and why use logit-probit models; Application to healthcare (healthcare financing) analysis;
- Handling "Selection Bias" – Two-Part Model (TPM), Heckman selection model; Application to healthcare (healthcare financing) analysis
- Handling "Endogeneity" in econometric analysis – Instrumental variable approach; Application to healthcare (healthcare financing) analysis.

Course Fee:

Indian Participant:

12500 INR per participant

International Participant:

25000 INR per participant

Course Coordinator:

Dr. Anup Karan

Additional Professor

Tel.: +91 124 4722900 (Extn: 4251)

E-mail: anup.karan@iiphd.org

Adolescence is a critical phase of life in which an individual undergoes physical, cognitive and emotional changes. One fifth of the Indian population comprises adolescents, a significant population whose health status is a key determinant of the country's overall development. This group has specific health issues and needs which calls for concerted attention and action. Planning and implementation of health programs for adolescents require adoption of specific approaches to encourage involvement of adolescents in the programs, to understand their issues and to enable them adopt healthy lifestyle and practices. The training workshop will strengthen the competency (knowledge and skills) of participants in applying various approaches while planning and implementing adolescent health programs.

Last date of registration March 7, 2023

Contents:

The training will focus on building skills in the use of different program approaches laying emphasis on:

- Identifying health issues related to adolescents
- Sexual and Reproductive Health-
- Rights-based approach
- Peer education approach
- Counselling
- Life-skills education
- Nutrition and health education
- Community mobilization
- Behaviour Change Communication
- Planning & Managing adolescent health
- Program - monitoring & supportive supervision

Course Fee:

Indian Participant:

8000 INR per participant

International Participant:

16000 INR per participant

Course Coordinator:

Dr. Jyoti Sharma

Additional Professor

Tel.: +91 124 4722900 (Extn: 4114)

E-mail: jyoti@iiphd.org

Testimonials by workshop participants

“

Most importantly tis very helpful in personal improvement and will surely help in time management and dealing with people

- Participant of 'Leadership in Health Development Sectors'
(Jul 21-24, 2015)

”

“

The faculty is an inspiring teacher, capable of making a very difficult subject simple to beginners in the field, she has an excellent command of the subject

- Participant of 'Basic Statistical Analysis using SPSS'
(Jul 26-29, 2016)

”

“

It was a wonderful and informative workshop, well-spaced and interactive. Would love to attend more workshops like this in the future

- Participant of the online workshop 'Data Visualization in Python for Public Health Professionals', (Mar 22-25, 2022)

”

“

It has been very useful for me as I learned many new things and also my concepts became clearer. It will be beneficial for me in my current project as well

- Participant of 'Systematic Reviews and Meta-analysis using RevMan' (Mar 28 - Apr 1, 2022)

”





About the Institute

The core mandate of Indian Institute of Public Health- Delhi launched under the aegis of Public Health Foundation of India, is to address the need for trained public health workforce in India that can supplement ongoing efforts to provide services and ensure reach to those most needy. It aims to strengthen the overall health system in country through education, training, research, advocacy and policy initiatives. The strength of the institute lies in the multi-disciplinary faculty trained in specific domains, which enables to have a multidimensional perspective of healthcare. The faculty brief bio-profile can be accessed at www.phfi.org.

Who should attend?

These workshops are ideal for physicians, medical students, clinical researchers, project managers, NGO coordinators, nutritionists, data managers, pharmaceutical scientists, statisticians and program managers working at district, state and national level.

How to register?

Electronic copy of this brochure and the registration forms are available at (www.phfi.org). Interested participants may send their completed registration form to Key contact person- Trainings along with the fee (by Demand Draft in favour of “Public Health Foundation of India” payable at Delhi or by Electronic Transfer (NEFT). International participants are requested to make only electronic transfer to submit the fee. We do not accept direct cash payment.

Course fee as indicated under each workshop includes workshop kit, meals and refreshments. The participants will bear their own travel, boarding and lodging expenses. However, the organizers will be able to provide a list of hotels or guest houses nearby the institute upon request. **Confirmation will be on first come first serve basis.**

Training Venue:

Indian Institute of Public Health – Delhi
Public Health Foundation of India (PHFI)
Plot 47, Sector 44, Institutional Area
Near HUDA City Centre Metro Station
Gurugram 122002, Haryana, INDIA
Tel: +91 124 4722900 (Extn: 4110)
E-mail: trainings@iiphd.org
Website: www.phfi.org

Key contact Person

Ms. Tanuja Bhandari
Manager – Training Programs
Email: trainings@iiphd.org

Course Director

Prof. Sanjay Zodpey, MD, PhD
Director- Indian institute of Public Health- Delhi
E-mail: sanjay.zodpey@phfi.org

Faculty Lead – Training Programs

Dr. Suparna Ghosh-Jerath
Professor and Head, Community Nutrition
Email: suparna.ghoshj@iiphd.org
Indian institute of Public Health- Delhi