

Workshop Series 2018-19

	Topics	Date
1.	Data Management using CPro	Apr 9-12, 2018
2.	Medical Writing	May 15-18, 2018
3.	Economic Evaluation of Health Care Programs	May 21-25, 2018
4.	Psychological Counselling in Health Settings	May 29-Jun 1, 2018
5.	Design, Analysis and Interpretation of Diagnostic Test Studies	Jun 6-8, 2018
6.	Applied Methods of Equity Analysis in Healthcare Financing	Jul 30-Aug 3, 2018
7.	Leadership in Health and Development Sectors	Aug 7-10, 2018
8.	Data Management, Analysis and Interpretation in Quantitative Health Research	Sep 11-14, 2018
9.	Project Management of Health Programs	Sep 17-20, 2018
10.	Nutritional Management of Severe Acute Malnutrition (SAM): A Capacity Building Workshop	Sep 24-28, 2018
11.	Statistical Analysis using Stata	Oct 8-12, 2018
12.	Introduction to Multivariable Analysis using Stata	Oct 22-26, 2018
13.	Ethics in Clinical Research	Oct 23-26, 2018
14.	Sample Size Estimation and Sampling Techniques	Oct 30-Nov 2, 2018
15.	Effective Behaviour Change Communication Strategies in Public Health	Nov 19-22, 2018
16.	Basic Statistical Analysis using SPSS	Nov 27-30, 2018
17.	Advanced Data Analysis Techniques in Qualitative Research using Atlas.ti	Dec 10-14, 2018
18.	Operations Research in Public Health	Jan 29-Feb 1, 2019
19.	Introduction to Economic Evaluation of Vaccines	Feb 25-28, 2019
20.	Approaches for Implementing Adolescent Health Programs	Feb 26-Mar 1, 2019
21.	Design and Conduct of Observational Studies using Epi Info	Mar 4-8, 2019
22.	Systematic Reviews and Meta-analysis using RevMan	Mar 11-15, 2019
23.	Monitoring and Evaluation of Health Programs for Improved Decision Making	Mar 25-29, 2019

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Glimpses of Sessions during the workshops at IIPH-Delhi



1

Data Management using CPro

April 9-12, 2018 (Monday-Thursday)

Data management plays a crucial role in ensuring quality of research data. A well designed database is one of the key components of data management. There are several software packages that are available for this purpose. However, irrespective of the type of database used, a lot of planning and thought goes into the designing of a database depending upon the study design, study setting and the manpower available.

CPro is a public domain data management and statistical package, developed and maintained by the US Census Bureau (<http://www.census.gov/population/international/software/cspro/>). This software can be used for entering, editing, tabulating, mapping, and disseminating census and survey data. This 4-day introductory course is suitable for computer programmers, IT professionals, and subject-matter specialists such as statisticians, demographers, and economists who wish to use CPro to manage survey or other quantitative data. Applicants are not expected to have previous experience using CPro but must be comfortable with Windows Operating system based software. It is desirable if participants are familiar with using basic scripting language.

Last date of registration: Mar 26, 2018

Contents

- Introduction to CPro working environment
- Data structures and Data types
- Designing a data entry application for a survey
- Creating data dictionary
- Logic checks and skip patterns
- Double data entry method
- Database validation
- Data validation
- Batch Edit Application
- Tabulation Application
- Data transfer to other statistical software
- Database backup and archiving
- CPro data entry application deployment to Android Device

Course Fee

Indian Participant

10000 INR per participant

International Participant

20000 INR per participant

Course Coordinator

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2

Medical Writing

May 15-18, 2018 (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: May 1, 2018

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

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3

Economic Evaluation of Health Care Programs

May 21-25, 2018 (Monday-Friday)

Policy makers and managers have to constantly look for evidences to base and back their decisions with. These evidences come from various forms of research conducted at different levels. Economic Evaluations provide valuable evidence on the efficiency of public health programs by combining economic and health outcome information and provide a transparent aid for decision making. This workshop would provide an overview at the various forms of Economic Evaluations and their usage. Detailed understanding of cost-effectiveness, cost-utility and cost-benefit analysis will be provided. Participants would get hands on experience of working with data and conduct an economic evaluation using a computer based decision analysis software. Primary focus will be on cost-effectiveness analysis.

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: May 7, 2018

Contents

- Need for Economic Evaluations
- Types of Economic Evaluations
- Decision Analysis using computer software
- Cost-effectiveness analysis
 - Methods
 - Data requirements
 - How to conduct a CE analysis
 - Interpretation of results
- Cost Effectiveness and decision making
- Cost-utility analysis
- Cost-benefit analysis
- Contingent valuation in health

Course Fee

Indian Participant

12500 INR per participant

International Participant

25000 INR per participant

Course Coordinator

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4

Psychological Counselling in Health Settings

May 29-June 1, 2018 (Tuesday-Friday)

Evidences suggest psychological counselling effectively reduces morbidity outcomes related to behavioural, physical and mental health. Psychological counselling has emerged as one of the key preventive & promotive health interventions in facilitating behaviour change, development of health seeking behaviour, adherence to treatment & care etc. The focus of training is to improve technical capacity of participants in providing psychological counselling to their clients in different health settings. Exercises related to effective counselling supervision will also be carried out.

Last date of registration: May 15, 2018

Contents

- Basics of psychological counselling, Principles of counselling, Process and stages of counselling, Factors that can influence counselling session
- Practical considerations in counselling skills. Role plays and case studies on counselling
- Skills for effective counselling supervision, functions, methods and ethical consideration
- Thematic areas to be addressed in training maternal and Newborn healthcare, Adolescent health, Reproductive Health, HIV/ AIDS & STIs, and Tuberculosis

Course Fee

Indian Participant

8000 INR per participant

International Participant

16000 INR per participant

Course Coordinator

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5

Design, Analysis and Interpretation of Diagnostic Test Studies

June 6-8, 2018 (Wednesday-Friday)

Diagnostic tests are important tools in clinical practice that aid in diagnosis of diseases/conditions which in turn impact on therapeutic decisions. A diagnostic test could be physical examination, a procedure or questionnaire. The clinical usefulness of diagnostic tests are generally quantified using parameters like sensitivity, specificity and likelihood ratios that can be computed very easily. However, diagnostic studies that estimate these parameters are prone to several biases and further interpretation of the findings can be misleading and tricky. Hence, a knowledge on the design and interpretation of these studies, and applying this information to day to day clinical decision making are vital for researchers and clinicians. This three day workshop aims to impart knowledge and skill in critically appraising such study reports.

Last date of registration: May 23, 2018

Contents

- Test performance parameters (Specificity/Sensitivity/Likelihood ratios/ROC)
- Choice of gold standard and sampling approaches for diagnostic studies
- Minimising biases in design stage
- Sample size calculation for diagnostic accuracy
- Reliability and agreement studies
- Critical appraisal for diagnostic studies (QUADAS-2)
- Reporting standards (STARD guidelines)

Course Fee

Indian Participant

6000 INR per participant

International Participant

12000 INR per participant

Course Coordinator

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6

Applied Methods of Equity Analysis in Healthcare Financing

July 30-August 3, 2018 (Monday-Friday)

Healthcare systems are concerned with a fair and socially just distribution of the access to and financing of healthcare, so that health outcomes are distributed equally across society. Financial implications of healthcare, however, restrict many poor households to seek healthcare on the one hand and on the other causes severe disruption in the living status of many others who go for purchasing even the bare essentials of healthcare. Equity in access to healthcare services and the related financial burden on households, hence, has been one of the major concerns of health systems particularly in developing countries. The challenges are related to reducing the financial burden of healthcare on poor households and enhance access to quality healthcare. Analytic methods of equity analysis are applied in healthcare financing to address the fundamental question that how different segments of population are protected from the financial burden of healthcare. This course teaches the latest methods of conducting equity analysis in healthcare finance.

The course is designed for those who need to perform equity analysis using household data in healthcare finance, and those who need to understand in some depth the issues that health economists face when performing these analyses using household data. Since the course offers practical methods to conduct these analyses, researchers and commercial and academic organizations concerned with healthcare resource allocation would be benefited by developing analytical skills during the course.

Stata 14 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.

Last date of registration: July 16, 2018

Contents

- Introduction
 - Basics of health financing
 - Lab sessions with Introducing Stata
- Understanding equity and measures of inequality
 - Concepts of equity in healthcare finance: Horizontal and Vertical equity
 - Gini, Kakawani and Concentration Indices of inequality
- Impacts of inequality in health care financing
 - Catastrophic impacts-headcount and gaps
 - Poverty impacts-headcount and gaps
- Other Measures of Inequality
 - Progressivity in payments
 - Benefit incidence Analysis (BIA)

Course Fee

Indian Participant

12500 INR per participant

International Participant

25000 INR per participant

Course Coordinator

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7

Leadership in Health and Development Sectors

August 7-10, 2018 (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 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 the health and development sectors. This 4-day workshop aims to impart leadership skills to those in the health and development sectors. At the end of the workshop, the participants would be the ability to understand the requisite leadership attributes relevant to their respective work and workplaces, so as to address the challenges and needs of the population.

Last date of registration: July 24, 2018

Contents

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

Course Fee

Indian Participant

8000 INR per participant

International Participant

16000 INR per participant

Course Coordinator

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8

Data Management, Analysis and Interpretation in Quantitative Health Research

September 11-14, 2018 (Tuesday-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, analysis 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 time and money 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: August 28, 2018

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

10000 INR per participant

International Participant

20000 INR per participant

Course Coordinator

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9

Project Management of Health Programs

September 17-20, 2018 (Monday-Thursday)

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: September 3, 2018

Contents

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

Course Fee

Indian Participant

8000 INR per participant

International Participant

16000 INR per participant

Course Coordinator

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10

Nutritional Management of Severe Acute Malnutrition (SAM): A Capacity Building Workshop

September 24-28, 2018 (Monday-Friday)

India currently has one of the highest malnutrition rates in the world. More than half of all death in children in India is attributed to malnutrition. In order to address this, nutrition has received renewed attention by all stakeholders of the country particularly at the highest level of policy making. The workshop on “Nutritional Management of Children with Severe Acute Malnutrition (SAM)” aims at enabling 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 will focus on core principles of pediatric nutrition with key focus on infant and young child feeding practices, growth monitoring and promotion, community and facility based management of children with SAM and principles of behaviour change communication in providing effective nutrition education to the caregivers for long term management.

Last date of registration: September 10, 2018

Contents

- General principles of child nutrition and nutritional requirements in 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 interpretation, hands on session on growth monitoring and interpretation
- Child undernutrition: 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

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11

Statistical Analysis using Stata

October 8-12, 2018 (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 are expected to have basic knowledge in biostatistics and do not require prior working knowledge in Stata.

Last date of registration: September 24, 2018

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

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12

Introduction to Multivariable Analysis using Stata

October 22-26, 2018 (Monday-Friday)

Multivariable techniques are the mainstay of statistical analysis allowing the analysis of more than two independent variables at once. This workshop is intended to provide a sound grounding in analytical techniques involving multiple exposures and adequate skills to perform such analyses using Stata. This workshop will cover key issues surrounding the principles and application of regression techniques, in particular, linear and logistic regression. Participants applying to this workshop are expected to have knowledge in basic biostatistics.

At the end of workshop, participants will gain theoretical insights and applied skills into the use of multivariable techniques in addressing research questions. S/he will be confident to use Stata to conduct statistical work on their own data.

Last date of registration: October 8, 2018

Contents

- Overview of statistical concepts: inferential statistics, univariable analysis
- Introduction to Stata
- Introduction to multivariable analysis: overview of confounding and effect modification, need for multivariable analysis, type of multivariable analysis etc.
- Linear regression: Simple and multiple linear regression, interpretation of coefficients, regression diagnostics
- Logistic regression: Odds and Odds ratio, stratified analysis (Mantel-Haenszel Test), interaction effects, conditional logistic regression, introduction to multinomial logistic regression, fitting and evaluating models

Course Fee

Indian Participant

12500 INR per participant

International Participant

25000 INR per participant

Course Coordinator

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13

Ethics in Clinical Research

October 23-26, 2018 (Tuesday-Friday)

Bioethics is the bedrock of quality health research. Bioethics is critical for design, development, implementation, of research projects. All research on humans require clearance from ethics committee. Publication of your research findings are also almost impossible without ethical clearance. Thus it is imperative for a public health researcher to be equipped with issues related to this pertinent component enabling them to conduct research in an ethical manner.

This workshop covers the basic ethical principal in bio-medical research in humans. 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: October 9, 2018

Contents

- Evolution of the discipline of Bioethics
- Principles of ethics in research on human subjects
- Ethics of placebo control trials
- Ethics of research in developing countries, funded by developed countries
- Why the need for ethical guidelines and ethics regulatory bodies?
- Ethics in qualitative research
- Key Ethical Regulatory requirements governing ethics committees and DCGI
- Informed consent
- IRBs (Ethics Committees) and its functioning

Course Fee

Indian Participant

8000 INR per participant

International Participant

16000 INR per participant

Course Coordinator

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14

Sample Size Estimation and Sampling Techniques

October 30-November 2, 2018 (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 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 the sample size calculation method given the 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: October 16, 2018

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
 - Calculation of sampling weights
 - Non Probability methods

Course Fee

Indian Participant

10000 INR per participant

International Participant

20000 INR per participant

Course Coordinator

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15

Effective Behaviour Change Communication Strategies in Public Health

November 19-22, 2018 (Tuesday-Friday)

The objective of this workshop is to enhance the health communication skills of those who work in the area of Behaviour Change Communication (BCC), Development Communication, Advocacy and other allied fields to strategically utilize key tools of BCC, advocacy and media engagement so as to support the achievement of key milestones as part of the health response. Supporting communities in enhancing health-seeking behaviours and facilitating the decision-making people need to do in order to be or become healthy, keeping people informed on important public health issues and basic health care services, counselling for behaviour change and awareness and knowledge-building on key national health programs would be addressed through the workshop. Using participatory, adult-learning techniques and a specially designed training manual, the trainer will focus on providing hands-on health communication skills within the larger context of national health programs and global perspectives.

Last date of registration: November 5, 2018

Contents

- The Fundamentals of Health Communication and Behaviour Change
- Creating Impact through Strategic and planned Health Literacy Programs (including Impact Evaluation)
- Communities and Communication: Assessments, Participation, Ownership, Grass- roots Communication
- The Health Communication Toolbox (Ways to Tell the Story and Communicating for Impact)

Course Fee

Indian Participant

8000 INR per participant

International Participant

16000 INR per participant

Course Coordinator

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16

Basic Statistical Analysis using SPSS

November 27-30, 2018 (Tuesday-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: November 13, 2018

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

10000 INR per participant

International Participant

20000 INR per participant

Course Coordinator

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17

Advanced Data Analysis Techniques in Qualitative Research using Atlas.ti

December 10-14, 2018 (Monday-Friday)

Qualitative research has become increasingly popular in health care research with several papers published in health care journals using qualitative research methods. In order to ensure quality and rigour, it is essential that the researcher adopt a systematic approach to data analysis. Many qualitative projects involve lots of primary data to deal with, along with notes, memos, comments etc. Given the large quantities of text that can be generated in a single research project, the use of software based has become of great help to enhance rigorous data analysis. Software packages also enable better organization, retrieval and a systematic approach to data analysis.

In this workshop, participants would be exposed to variety of approaches to designing and analysing qualitative studies. The goal of the course is to build five-core competencies in the area of theoretical frameworks, study design, data management, data analysis, and software aided data analysis using Atlas.ti. Being an advanced workshop this is open only to researchers who already have experience in collecting qualitative data. Participants are also expected to bring their own data in the form of transcripts of FGDs or interviews, which they would analyse during the workshop.

Last date of registration: November 26, 2018

Contents

- Key theoretical approaches to qualitative data analysis
- Recording qualitative data and data management using best practices
- Key components and functions available in Atlas.ti
- Key approaches to analysing qualitative data sets
- Categorizing and analysing qualitative data using standard techniques in Atlas.ti
- Formulating relationships within the data set and represent them visually using network views
- Fine tuning results
- Writing qualitative reports and manuscripts

Course Fee

Indian Participant

12500 INR per participant

International Participant

25000 INR per participant

Course Coordinator

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18

Operations Research in Public Health

January 29-February 1, 2019 (Tuesday-Friday)

Operations Research (OR) or Implementation Research (IR) is the application of systematic research techniques to improve health programs indicators. The purpose of OR provide information for management decision-making for better program planning and implementation. 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. At the end of training, participants will be able to describe the concepts of Operations Research, identify and write problem statement, good research questions, apply knowledge and skills of using different study designs and highlight the prospects of using OR in the field of public health and draft operations research proposal.

Last date of registration: January 15, 2019

Contents

- Overview and ingredients of operations research
 - Identification and writing of problem statement
 - Developing good research questions
- Key study designs in OR- Exploratory, Field Intervention, Evaluative and Cost Effectiveness
- Quantitative and Qualitative research methods
- Writing an OR proposal

Course Fee

Indian Participant

8000 INR per participant

International Participant

16000 INR per participant

Course Coordinator

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19

Introduction to Economic Evaluation of Vaccines

February 25-28, 2019 (Monday-Thursday)

In India, there are about 15 prominent Indian and multinational companies that manufacture and supply human and animal vaccines in India and across the world. There is need for cross-disciplinary engagement to collectively learn about issues in vaccine development, clinical trials, economic evaluations and implementation of vaccination programs.

At the end of this training, the participant would be aware of recent advances made in the field of vaccine science, get acquainted with methods to estimate vaccine efficacy, effectiveness and safety as well as regulatory framework that impact availability and affordability of vaccines. This course would also provide an overview of importance on vaccines in the context of public health and economic perspective.

Last date of registration: February 11, 2019

Contents

- To explain multifaceted nature of vaccinology
- To introduce evaluation of vaccine efficacy, effectiveness and safety
- To introduce economic evaluation and decision making process for new vaccines
- To highlight key issues in vaccine development and diplomacy

Course Fee

Indian Participant

8000 INR per participant

International Participant

16000 INR per participant

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20

Approaches for implementing Adolescent Health Programs

February 26-March 1, 2019 (Tuesday-Friday)

Adolescence is a critical phase of life in which an individual undergoes physical, cognitive and emotional changes. One fifth of the Indian population comprises of 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: February 12, 2019

Contents

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

- Identifying health issues related to adolescents
- Rights based approach
- Peer education approach
- Counselling
- Life-skills education
- Nutrition and health education
- Behaviour Change Communication
- Program - monitoring & supportive supervision

Course Fee

Indian Participant

8000 INR per participant

International Participant

16000 INR per participant

Course Coordinator

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21

Design and Conduct of Observational Studies using Epi Info

March 4-8, 2019 (Monday-Friday)

The application of epidemiological concepts is an essential component of evidence-based public health research. Study design is a key component of research which defines the outcome of a study. Trials, although are considered as 'gold standard' for evidence, may not always be feasible to conduct. In such situations, observational studies prove to be valuable tools for establishing relationships between exposures and outcomes. These study designs, however, have certain intrinsic characteristics which need attention at the planning and implementation stages.

This workshop intends to provide an understanding of the aspects related to the design, conduct and analyses of observational studies, elaborating on cross-sectional, case-control and cohort study designs. Additionally, it aims to impart training related to questionnaire/data entry form development, data entry and analyses for these designs using Epi Info, a public domain statistical software for epidemiology developed by Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia (USA), with worldwide applications in disease outbreak investigation, development of disease surveillance systems, etc.

At the end of workshop, the participants will be able to understand and appreciate the use of the various observational study designs, plan a study using these designs considering all their characteristics as well as get a fair understanding of the use of Epi Info for the conduct of observational studies.

Last date of registration: February 18, 2019

Contents

- Introduction to the various observational study designs
- Planning an observational study
- Understanding bias and confounding in observational studies
- Sample size estimations
- Designing data entry forms using Epi Info
- Validating data entry form using logics and skip patterns in Epi Info
- Data export to other statistical software
- Quantitative analyses of observational studies (bivariate and multivariable), using Epi Info
- Mobile-based data collection

Course Fee

Indian Participant

12500 INR per participant

International Participant

25000 INR per participant

Course Coordinator

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22

Systematic Reviews and Meta-analysis using RevMan

March 11-15, 2019 (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 dissertation 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.

Last date of registration: February 25, 2019

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

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23

Monitoring and Evaluation of Health Programs for Improved Decision Making

March 25-29, 2019 (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: March 11, 2019

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

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Faculty at IIPH-Delhi



Participants' feedback about our workshops

It was a great refresher course! I will be able to broaden my counselling skills to work in Health settings

– Participant of Workshop on “Psychological Counselling in Health settings”, May 2-5, 2017

This workshop has given me deep insights about MLM and hopefully I would be working on those concepts in my future research endeavours.

– Participant of Workshop on “Multilevel Modeling in Health Research using Stata”, July 24-28, 2017

Doing a practical case study through log frame has been extremely helpful, it has given an idea how concepts of program management could actually be put to practice.

– Participant of workshop on “Project Management of Health Programs”, August 21-24, 2017

Thanks for such a wonderful knowledge given in such a nice way, will definitely try to implement and will make the difference.

– Participant of Workshop on “Nutritional Management of Children with Severe Acute Malnutrition (SAM)”, September 11-15, 2017

It is a wonderful opportunity to learn about the ethics in clinical research, it is very much applicable to the current scenario.

– Participant of workshop on “Ethics in Clinical Research”, November 2-3, 2017

The practical and theoretical explanation of concepts would help in analysis of our data in a better way and with more confidence.

– Participant of Workshop on “Introduction to Multivariable Analysis using Stata”, November 6-10, 2017

Learnt a lot about the latest techniques on methodology used in Behaviour Change Communication (BCC). This shall enable me to reorient my research or article writing. For me it was an extremely valuable learning experience. The research articles shared is very informative.

– Participant of workshop on “Effective Behaviour Change Communication Strategies in Public Health”, November 7-10, 2017



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 programme 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 the **Key contact person 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 E-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. Confirmation will be on first come first serve basis.

Note: The workshop registrants are required to make their own travel and lodging arrangements. Upon request, a list of Hotels/ Guest houses nearby the Institute will be provided.

COURSE DIRECTOR

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