

# Capacity building training on Impact Evaluation

BRAC Uganda and LSHTM

**Dates:** 19<sup>th</sup> – 21<sup>st</sup> April 2021

**Venue:** Interservice Hotel, Nsambya, Kampala

**Medium:** In-person and Zoom

**Convenors:** TBD

**Organizers:** Munshi Sulaiman, James W. Khakshi and Pallavi Prabhakar

**Aim:** This training on Impact Evaluation aims to equip participants with the knowledge of relevance, design, methods and application of Impact Evaluation concepts in Development Policy.

**Course content:** The sessions will review the concept of Impact Evaluation and its relevance in the field of health, public and humanitarian policy, international development and economics. The participants will be provided with an overview of methods for the design and analysis of impact evaluations and the challenges involved in identifying the causal relationship between a program and its outcomes. It will also train the participants on how to use the results and apply them while checking their quality. The course modules will be structured for beginners and will not cover advanced methods within the field.

## Target participants:

The workshop is open to attendance by anyone who is willing gain an introduction to Impact Evaluation, learning new concepts in the field or wanting to brush up their existing knowledge on the introductory concepts. People working in the Government, development organizations, humanitarian organizations and academic settings will be encouraged to attend the training. The training sessions will be structured for the audience with minimal/no introduction to Impact Evaluation concepts. However, Session Leads may also direct the participants to more advanced materials for the concepts, if required.

**Prerequisites:** Experience of working in the development sector is required. Some knowledge of basic statistical concepts like mean, probability, regression will be beneficial but is not necessary.

**Learning outcomes:** By the end of the training, the participants will be able to:

- (i) Set testable hypotheses for an impact evaluation that address the question: “What is the impact (causal effect) of a program on an outcome of interest?” This will include the formulation of evaluation questions and the identification of an appropriate counterfactual and sample size.
- (ii) Specify appropriate indicators to measure the principal economic, social, and/or health outcomes the evaluation is designed to impact
- (iii) Understand basic impact evaluation design, construction of a valid counterfactual for causal inference in both randomized and observational design settings, and analysis tools

**Registration fee:** No registration fees is required for participation.

## Training sessions:

Sessions will be delivered jointly by BRAC and LSHTM. Interest to present in any of the below mentioned sessions can be registered with Pallavi Prabhakar at [prabhakar.pallavi@brac.net](mailto:prabhakar.pallavi@brac.net). The last date to register for an interest to present on the sessions is 31<sup>st</sup> March 2021 and the session presentations should be submitted to the Organizers by 12<sup>th</sup> April 2021. Presentations can be given both virtually and in-person. Participants from Kampala, Uganda will be encouraged to attend the Training in person. Overseas

participants will be encouraged to attend the training remotely via Zoom. All the participants will be able to attend all the sessions (fully in-person or online).

**Pre and Post tests:**

There will be short quizzes during pre and post phase of the training session. The results of this test will help in assessing the knowledge gained during the training sessions and eligibility for the Completion Certificate.

**Zoom breakout sessions:**

Participants attending the training virtually will be able to do group exercises with the help of Zoom breakout sessions. Each participant will be assigned to a smaller group for the exercise and will be directed towards another link during the time of the exercise. This will encourage close interactions between participants of the groups and will enable networking.

For those attending the training in person, group exercises will be convened at the venue.

**Question/ Answers:**

Participants attending the training online will be able to ask session specific questions through a Polling system. Questions received during each session will be recorded on a Polling system and participants will be encouraged to vote for the question if they also want the answer to that question during the session. Top 5 questions receiving the highest votes on the Poll will be answered upon the session completion. The remaining questions will be answered by the Presenters at the last day of the training. Participants will have a chance to revisit the training materials over the gap day and answer more questions on the last day, in case further clarifications are required.

**Certificates:**

All participants will be granted a Certificate of Completion upon answering 50% of the post-test questions correctly.

**COVID-19 Contingency Plan:**

Given the uncertainties regarding the spread of COVID-19 and possible travel restrictions, the entire training could be moved online in case of changed circumstances.

**Session recordings:**

Sessions will be recorded for access by participants who fail to attend the training.

**Registration:** To register your interest in attending this training, please complete the registration form, available via [this link](#).

## Agenda

### Day 1:

8.30 – 9:00am

#### **Welcome and Introduction**

- Welcoming remarks by Organizers
- All participants introduce themselves
- Collection of experimental data from participants

### **Section A: Impact Evaluation**

9:00 – 9:30am

Short pre-test exercise on Impact Evaluation

9:30 – 10:15am

#### **Introduction to Evaluation**

- *What is Evaluation?*
- *Types of evaluation and why evaluate?*
- *Examples of BRAC and LSHTM projects*

10:15 – 10:30am

*Tea/Coffee Break*

10:30 – 12:00pm

#### **Introduction to Impact Evaluation**

- *What is Impact Evaluation?*
- *Why undertake Impact Evaluation?*
- *Difference between Causation & Correlation*
- *What is a Counterfactual?*
- *Measuring Impact, answering the “who”*
- *Measuring Impact, answering the “what”*
- *Measuring Impact, answering the “when”*

12:00 – 1:00pm

*Lunch Break*

### **Section B: Methods of Impact Evaluation**

1:00 – 4:00pm

#### **Experimental/Quasi-experimental Designs**

- *Types of experimental designs (field experiments)*
- *Designing experiments*
- *Methods of Randomization*
- *Calculating the sample size*
- *BRAC projects examples*

4:00 – 4:45pm

Zoom Breakout sessions and in-person Group Exercise

4:45 – 5:00pm

Recap on what has been discussed & closing remarks

## **Day 2:**

8:30 – 9:00am

Recap on what was discussed the previous day

## **Section C: Non-experimental Evaluations**

9:00 – 10:30am

### **Types of non-experimental approaches**

- *Regression Discontinuity Design*
- *Difference-in-difference approach*

10.30 – 10.45am

*Tea/Coffee Break*

10.45-12.00am

### **Types of non-experimental approaches**

- *Propensity Score Matching*
- *Instrumental Variable/ Two Stage*
- *Examples of BRAC Research projects*

12:00 – 1:00pm

*Lunch Break*

1:00 – 2:00pm

### **Measuring Impact: How?**

- *How to Interpret results?*
- *How to draw policy Implications?*
- *How to understand quality of results?*
- *How to disseminate findings?*

2:00 – 3:00pm

Short Post-test exercise

3:00 – 3:30pm

How to ask questions & closing remarks

## **Gap day**

(Organizers sort all the questions and answer them)

## **Day 3:**

8:30 – 9:00am

Recap on what was discussed during the previous days

9:00 – 12am

Answers to the Questions asked during gap day