



CALL FOR EXPRESSION OF INTEREST

TRAINERS FOR A TECHNICAL WORKSHOP ON ADVANCED ANALYTICAL METHODS FOR HUMAN CAPITAL DEVELOPMENT MODELLING FOR SUB-SAHARAN AFRICA RESEARCHERS

BMGF HUMAN CAPITAL DEVELOPMENT PROJECT

Introduction

African Economic Research Consortium (AERC) is a premier institution with over 30 years' experience in building capacity in research, training, and policy outreach. The research department has thematic and collaborative programs whose goals are to build capacity of early career and senior researchers enabling them to contribute effectively to economic policy in sub-Saharan Africa (SSA). AERC has a wide network of universities, policy makers, researchers, educators, and international resource persons who participate in our capacity building activities. The capacity building through training and research is underpinned by our Strategic Plan 2020-2025, which strives to enhance quality, ensure sustainability and policy influence.

To enhance quality, AERC is facilitating training to improve the skills, competencies, and capacity of our researchers to conduct frontier and high-quality research to generate evidence for sound economic policy decisions and high publishable work. Over the years, the thematic program has organized tailor made retooling courses to impart methodological skills for researchers in economics. Some of the trainings we have organized include research methods and writing skills, time series and panel data econometrics and impact evaluation methodologies.

AERC is implementing the BMGF Human Capital Development Project, which covers seven (7) SSA Countries. *These countries are Nigeria, Ethiopia, Kenya, Uganda, Burkina Faso, Senegal, and Madagascar.* As part of its capacity building initiative, AERC plans to offer a five (5) day technical training workshop on '*Advanced Analytical Methods for Human Capital Development Modelling*' for thematic researchers from the seven (7) countries. This physical workshop is scheduled for **13 -17 March 2023, in Abuja, Nigeria.**

Aim of the Course

Human capital development encompasses investment in knowledge, skills, and health of a people. This investment if accumulated throughout their lifetime, increases productivity and quality of life. Human capital investment is characterized through nutrition, health care, quality education, jobs and skills that helps improve labour productivity, thus improving livelihoods and well-being. In literature, human capital development analytical studies employ various type of data and estimation methodologies. The studies apply cross-sectional, timeseries, longitudinal and panel data, and the methods applied in the analysis are aligned to the data used. The aim of this course is to enhance competencies of the BMGF Human Capital Development thematic researchers in application of advanced analytical methods for human capital development research they are undertaking.

This course is tailor-made for BMGF HCD thematic researchers in SSA. The technical training workshop will cover the following topics in *advanced analytical methods for human capital development modelling*:

- i) Conceptualization of a human capital development study: basic tenets of theoretical exposition, research questions, exploring literature and publication in a quality journal.
- ii) Analytical methods I: Applying survey and cross-sectional data, modelling, and estimation frameworks.
- iii) Analytical methods II: Applying timeseries data, modelling, and estimation frameworks.
- iv) Analytical methods III: Applying longitudinal and panel data, modelling, and estimation frameworks.
- v) Case studies: Reference works in human capital development: World Bank Human Capital Index and Journal articles which have the analytical methods.

References

- Folloni, G. and Vittadini, G. (2010) Human Capital Measurement: A Survey. *Journal of Economic Surveys* 24(2): 201-387.
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<https://documents1.worldbank.org/curated/en/816281518818814423/pdf/2019-WDR-Report.pdf>
- World Bank. Case Studies from Human Capital Project.
<https://thedocs.worldbank.org/en/doc/122301588598185633-0140022020/original/ListofGDICasesHumanCapitalDevelopment.pdf>
- Son, H.H, (2010) Human Capital Development. *Asian Development Review*, Vol 27 (2):2956
- Journal articles for case studies on human capital development analytical methods.

The Call for Expression of Interest

We would like to invite qualified persons to respond to the expression of interest to offer this training. The terms of reference for the instructor include the following tasks:

- Preparation of the workshop agenda and technical prospectus to be used in the five-day training workshop.
- Identification of relevant materials and documentations for use during the workshop.
- Lead the discussions and provide the participants with extensive exposure to a selected number of useful concepts and issues relevant to the course.
- Provide practical examples on analytical methods for human capital development.
- Prepare a report on the proceedings of the workshop.
- Perform any other activities as mutually agreed upon between the trainer(s) and AERC.
- **Women trainers are encouraged to apply.**

Selection of the trainer(s) will be based on the following criteria:

- At least have a master's degree and professional progression thereafter.
- Experience in teaching and/or implementing advanced analytical methods course.
- Ability to use interactive platform to deliver the course and evidence of experiential teaching will be an added advantage.
- Experience in offering short course to participants with diverse background.
- Published in refereed/peer reviewed outlets (Journal Articles, Books and Book Chapters) on areas relevant to the course.
- A brief outline of what will be covered in the course.
- The expression of interest should have a motivation statement of not more than five hundred (500) words on why you should be selected.
- Any other useful information relating to offering the course.

More information on the training is as follows:

- The workshop will be physical from **13 - 17 March 2023**, in Abuja, Nigeria.
- The trainers are expected to use their own computers (laptop) and have a statistical package that has ability to analyze cross-sectional, time series and panel data for the workshop.
- Training will consist of two daily sessions. The morning session will run from about 0900-1300 hrs. The afternoon session will run from 0200-0500hrs.
- AERC will offer a honorarium for the services provided during that period including the time required for preparation of the course and mentoring the researchers. If selected, AERC will provide an air ticket to and from the venue of the workshop; accommodation; per diem, visa fee and other expenses as will be specified in the agreement letter.

Application Process

- To express your interest in offering the course, kindly send your CV and a **brief course outline to procurement@aercafrica.org** on or before **February 10, 2023**, at **1700 Hrs**. The CV should clearly indicate all the relevant information to this call. The biographical section of the CV must include the researcher's nationality, gender, and full contact details. The subject of your email should be **“EOI INSTRUCTOR(S) FOR TECHNICAL WORKSHOP ON ADVANCE ANALYTICAL METHODS FOR HUMAN CAPITAL DEVELOPMENT MODELLING FOR SUB - SAHARAN AFRICAN COUNTRIES RESEARCHERS”**.

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