



13 - 14 -15 June 2023 9:00 am - 5:00 pm Course Fee: BDT 9,000

## SHORT COURSE ON

# INTRODUCTION TO SYSTEMATIC REVIEW IN HEALTH RESEARCH

### ABOUT THE COURSE

This three-day course will provide participants with an introduction to basic components of systematic reviews; from research question to protocol development, data collection, analysis and interpretation.

### DURING THE COURSE YOU WILL LEARN

- Introduction to and rationale of systematic reviews in health research
- Question formulation and protocol development
- Sources of evidence and searching for literature
- Screening relevant literature by applying inclusion/exclusion criteria
- Critical appraisal of evidence using standardized quality checklists
- Develop a data extraction form, extract and manage relevant outcomes from included studies
- Select appropriate methods of evidence synthesis and be able to describe and summarize key results
- Qualitative approaches: Framework analysis
- Quantitative Approaches: Narrative Synthesis, Meta-Analysis
- Writing reports following standard formats for systematic reviews

### WHO CAN APPLY FOR THIS COURSE?

Researchers including clinicians, nurses, epidemiologists and public health practitioners, who are interested in learning the key concepts involved in the design and production of high-quality systematic reviews. Although examples used during the course will be taken from the health literature, the underlying concepts taught are applicable to other disciplines and applications from those interested in systematic reviews of non-health research literature are also welcomed. It is assumed that participants will have no prior experience of conducting systematic reviews, however will have a basic understanding of statistics and epidemiological study designs.

### COURSE INSTRUCTORS



**Dr Shaikh A. Shahed Hossain, PhD,** Professor, James P Grant School of Public Health, BRAC University and Former Scientist, icddr,b.

Dr Hossain is an author with the Cochrane Group and is trained in systematic review processes with Cochrane "Effective Practice and organization of Care" (EPOC) group and participated in conducting systematic reviews in the issues of both clinical and public health importance. He has organized capacity building workshops on systematic review processes in Bangladesh, India, Nepal and Sri Lanka. He is also engaged in teaching and training with Technical Training Unit of icddr,b (TTU) of icddr,b, North South University and Bangabandhu Sheikh Mujib Medical University (BSMMU).



**Dr Nafisa Lira Huq** is currently working as a Technical Advisor for the Tropical Disease Research (TDR) project at BRAC James P Grant School of Public Health, BRAC University, where she is responsible along with an expert team to conduct the short course on the systematic review.

Dr Huq has more than 22 years scholarly involvement in implementation research and her mentoring range widely, from Sexual and Reproductive Health to Implementation research in and outside icddr,b. She had completed several systematic review projects targeting significant public health issues for the Southeast Asia and published widely.

**REGISTRATION DEADLINE: THURSDAY, 8 JUNE 2023**  
**COURSE FEE SUBMISSION DEADLINE: SUNDAY, 11 JUNE 2023**  
SEATS ARE LIMITED. ENROLMENT ON FIRST COME, FIRST SERVED BASIS

This is a non-residential **INPERSON** course.  
The course fee includes training materials, tea, snacks and lunch

### HOW TO APPLY

Please follow this link: <https://forms.gle/98h5J9kXR8MQfhSu9> to complete the **REGISTRATION FORM** and submit by **THURSDAY, 8 JUNE 2023**. You will be notified about the payment method when your application is accepted.

Your seat will be confirmed upon completion of full payment.

If you have any queries please contact **01843 903011 (Munir)**, Email: [cpsd@bracu.ac.bd](mailto:cpsd@bracu.ac.bd)

Organised by

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