

Public Health Training Camp 2020

Workshop on “Epidemiology and Biostatistics”

Facilitators

Stuart Gilmour, Professor, St. Luke's International University, Tokyo, Japan

Papia Sultana, Professor, University of Rajshahi, Bangladesh

Md. Mizanur Rahman, Assistant Professor, The University of Tokyo, Japan

Shamima Pervin, Professor and Vice-Principal, Mugda Medical College, Bangladesh

Dr. Shamima Akter, Chief Scientist, National Center for Global Health and Medicine, Japan

Organizer: Global Public Health Research Foundation, Bangladesh

Venue: Uttara (Sector-10), Dhaka

Duration: 3 days (06-08 January 2020) **Time:** 10:00-17:00

Registration deadline: December 15, 2019

Online Registration Form: <http://bit.ly/PHTC2020>

Contents

Day 1: Introduction of epidemiology

- Epidemiology: Concepts, terminology, and study designs
- Review of measures of disease occurrence & association
- Data type and descriptive statistics
- Hypothesis testing
- **Practical I:** Descriptive analysis and hypothesis test using Stata/R Software

Day 2: Common statistical tools used in epidemiologic data analysis

- Simple and multiple linear regression, logistic regression, etc.
- **Practical I:** Regression analysis using Stata/R Software

Day 3: Advanced model and survival analysis

- Multilevel regression model
- Survival analysis: Life table, Kaplan-Meier model, Cox proportional hazard model, etc.
- **Practical II:** Multilevel model and survival analysis using Stata/R Software

NB: Participants are required to bring a laptop to the class and should have minimum knowledge either in Stata or R software.

Course Fee

Course fee: BDT 2,500 for students and BDT 3,500 for professionals and others (including lunch and snacks). **Please call to Administrative Officer of GPHRF before making a payment** (01797-438889). Course fee is non-refundable.

Contact



Global Public Health Research Foundation

Email : training@gphrf.org

Phone : +88 02 5509 2268

Mobile : +88 01797 438889



Scan to Register