

AN EXECUTIVE CERTIFICATE COURSE ON POPULATION HEALTH INFORMATICS



REAL TIME ONLINE INTERACTIVE LECTURES

The course will be conducted through real time online interactive lectures followed by open discussions. Need based support and supervision will be provided by global faculty members and mentors. For flexible opportunities all the interactive lectures will be recorded. For continual support there will be readily available IT team who will support remote troubleshooting of academic and technical issues.



ADMISSION REQUIREMENTS

The program will train students and faculty of BRAC JPGSPH as well as public health practitioners, researchers, health professionals, and policy makers from both government and non-government organizations including the Management Information System (MIS) of Directorate General of Health Services (DGHS), Government of Bangladesh.

- Health practitioners, researchers, health professionals, and policy makers from both government and non-government organizations having minimum 4 years Bachelor Degree or equivalent Degree can apply.
- Professionals are expected to have 3-5 years of professional experience in the field of public health.
- Proficiency in oral and written English and basic Mathematics are required.
- Basic Computer skills including Microsoft Office and Data Analysis Software are required.
- Relevant experience and interest in the area of public health informatics is preferred.

TUITION & SCHOLARSHIPS

Students will be recruited based on academic merit and public health experience. The tuition fees for the program are fully covered through scholarships supported by Open Society University Network.

A UNIQUE COURSE ON POPULATION HEALTH INFORMATICS

- Collaborative executive Population Health Informatics training program
- Experiential learning opportunities in population health informatics
- Applying principles of population health informatics learning towards community data to enhance health and well-being of individuals, populations and communities they live in
- Creating a regional network of experts in the field ready to respond as a team to the next public health challenge



WHAT THE CERTIFICATE PROGRAM WILL OFFER?

The Certificate program is designed to help individuals gain an understanding of relationships between data, information, and knowledge. Individuals will also acquire knowledge about data standards, electronic means of data collection, design and evaluation of human-centered health information platforms, mobile health technologies, and multifaceted technology-enabled interventions.

The program will also discuss several health technology assessment approaches such as accessibility, heuristics, and usability. Individuals will acquire knowledge, skills, and expertise regarding the applications of Informatics to improve population health outcomes in various settings through different learning activities including lectures, classroom discussions, case study examples, assignments, reading, and final project proposals.



PURPOSE

The main purpose of this initiative is to deliver collaboratively an experiential learning based certificate program in Population Health Informatics by City University of New York (CUNY) Graduate School of Public Health and Health Policy and BRAC James P Grant School of Public Health (JPGSPH), BRAC University. Management Information System (MIS) of Directorate General of Health Services (DGHS) will contribute to the project as a valuable partner representing the Government of Bangladesh.

The program will create skilled workforce in Population Health Informatics essential to solve complex public health challenges of the 21st century. Individuals trained will use principles of population health informatics to design, develop, implement, and evaluate human centered technology enabled interventions and innovations using community data at grassroots level to guide informed decision-making.



CUNY Graduate School of Public Health and Health Policy (CUNY SPH)'s mission is to promote and sustain healthier populations in New York City and around the world through excellence in education, research, and service and by advocating for sound policy and practice to advance social justice and improve health outcomes for all. CUNY SPH has a global expertise in population health informatics, and has successfully designed, developed, implemented and evaluated several human-centered technological interventions and innovations globally. CUNY SPH has also successfully launched the first CUNY executive program and fully online MS program in Population Health Informatics globally.

BRAC JPGSPH was founded in 2004 as an integral part of BRAC University to address the unmet public health challenges particular to Asia, Africa and South America. BRAC JPGSPH is uniquely known for its global, regional and national recognition. The School was featured by the Bulletin of the World Health Organization (WHO) in 2007 as one of the six innovative schools in the Global South advocating and pursuing ground-breaking, advanced public health education and research. In 2019, the School was featured in John Hopkins University's Global Health as a top School in the region. The mission of BRAC JPGSPH is to create innovative public health leaders and solutions through cutting-edge, experiential Education, Training, Research and Advocacy.

GLOBAL FACULTY



Dr Ashish Joshi is a global expert in population health informatics and is a primary author of the first book on “Population Health Informatics: Driving Evidence based solutions into Practice”. He is also a recently elected Chair of Global Health informatics Working group at American Medical Informatics Association.



Dr Jose Florez-Arango is an Assistant Professor/Academic Program Director, Department of Population Health Sciences, Weill Cornell Medicine. He was a Fulbright scholar and has experience in emergency medicine, prehospital care and emergency management, tropical diseases, global health, and telemedicine. As an Informatician, his previous experience includes clinical decision support systems, development of health information systems based-on international standards, mHealth, human-computer interaction, human factors, interoperability and controlled vocabularies.



Dr Md. Tanvir Hasan is currently working as an Associate Professor and Co-Director of Centre of Excellence for Urban Equity and Health (CUEH) at BRAC James P Grant School of Public Health (JPGSPH), BRAC University. He has more than 12 years of teaching and research experience. His expertise is in advanced statistical analysis, mixed methods research, evaluation research, longitudinal study and spatial epidemiological research.



Dr M. Shafiqur Rahman is an adjunct faculty and technical advisor (part time) at the JPGSPH, BRAC University. He is working as a Professor of Applied Statistics at the Institute of Statistical Research and Training, University of Dhaka. His main research areas include public health, epidemiology and biostatistics, focusing on development of new methods for analyzing data in public health and medical research. He is a member of the Bangladesh Statistical Association, International Biometric Society, International Statistical Institute, International Society of Clinical Biostatistics and an educational ambassador of the American Statistical Association from Bangladesh.

FOR ADMISSION INQUIRIES CONTACT

Md. Tanvir Hasan, PhD
Associate Professor
thasan@bracu.ac.bd

Ribica Chowdhury
Research Associate
ribica.chowdhury@bracu.ac.bd



Open Society University Network (OSUN)

www.opensocietyuniversitynetwork.org

info@opensocietyuniversitynetwork.org



CUNY Graduate School of Public Health & Health Policy

55 W 125th St, New York, NY 10027, United States | www.sph.cuny.edu



BRAC James P Grant School of Public Health, BRAC University

6th Floor, Medona Tower, 28 Bir Uttam AK Khandakar Road, Mohakhali C/A
Dhaka 1212, Bangladesh. Telephone: +880-2-48812213-18 | www.bracjpgsph.org