JOB DESCRIPTION

Job Title		Department/Centre
Senior Analyst (Statistics) **Fixed term**		**Centre of Excellence Urban Equity and Health (COE-UEH)** **BRAC JPGSPH**
Location	**Responsible to**	**Date of start**
Dhaka	**Co-Director,** **CoE-UEH**	**January 2025**

1.   JOB PURPOSE

The purpose of the Senior **Analyst (Statistics)** position at BRAC James P Grant School of Public Health (BRAC JPGSPH) is multi-faceted and aligned with the broader objectives of the Urban Health Activities (UHA) program implemented in collaboration with selected city and municipality corporations across Bangladesh. The underlying principles of UHA are resources optimization, data to decision making and quality, and equitable health services delivery in the populations of city and municipality corporations. The job objectives are to:

- To lead and conduct advanced statistical analyses to generate insights into the epidemiological dynamics, disease burden, equity in health service provision, and periodic analysis of shock and vulnerability within urban populations.
- To identify public health challenges, informs evidence-based decision-making, and supports the development of interventions and policies aimed at improving health outcomes and reducing disparities in urban communities.
- To contribute to capacity building efforts to health workforces and broader community to empower them with essential skills and knowledge

2.   JOB RESPONSIBILITY

Epidemiological Analysis:
- Lead the design and implementation of epidemiological studies using mostly secondary data to assess disease prevalence, incidence, and trends within urban populations, with a focus on understanding the distribution and determinants of diseases.
- Utilize advanced statistical methods to assess disease prevalence, incidence, and trends within urban areas, considering demographic, socioeconomic, and environmental factors.

Disease Burden Assessment:
- Analyze data to quantify the burden of diseases affecting urban populations, including communicable diseases, non-communicable diseases, and emerging health threats using mostly secondary data.
- Assess disparities in disease burden across demographic groups, geographical areas, and socioeconomic strata within urban settings.
- Identify priority areas for intervention and resource allocation based on the distribution and impact of diseases on urban communities.

Equity in Health Service Provision:
- Evaluate the equity of health service provision within urban areas, assessing access, utilization, and quality of healthcare services across population groups.
- Use statistical techniques to identify disparities in healthcare access and outcomes, including barriers to healthcare access and variations in service delivery.

- Inform policy and programmatic interventions to address inequities in health service provision and improve healthcare access and quality for underserved urban populations.

Periodic Analysis of Shock and Vulnerability:
- Conduct periodic analyses to assess vulnerability to shocks and emergencies within urban populations, such as natural disasters, disease outbreaks, and socioeconomic crises.
- Analyze factors contributing to vulnerability, including social determinants of health, population demographics, and urban infrastructure.
- Develop predictive models and risk assessments to inform preparedness and response efforts and mitigate the impact of shocks on urban communities.

3.	OTHER RESPONSIBILITIES

- Supervisory role – Senior Statistician will provide leadership and guidance to junior research/statistical/M&E staff, overseeing their work in conducting epidemiological analyses, informing evidence-based decision-making, and implementing interventions.
- Contributes to capacity building efforts by providing training, mentorship, and knowledge dissemination opportunities to empower stakeholders and strengthen the collective ability to address complex public health issues in urban settings

4.	EDUCATION & QUALIFICATIONS

- Masters in Biostatistics, Epidemiology, Public Health, or a related field.
- At least seven years of experiences working in the subject area.

5.	PROVEN ABILITY

- Extensive experience in epidemiological analysis and statistical modelling, preferably focusing on urban populations and health disparities.
- Proficiency in statistical software packages (e.g., R, SAS, STATA) and geospatial analysis tools.
- Strong understanding of epidemiological study design, data collection methods, and analytical techniques.
- Excellent communication and collaboration skills, with the ability to work effectively in interdisciplinary teams and engage with diverse stakeholders.
- Commitment to advancing urban health equity and addressing health disparities through evidence-based research and policy advocacy.

6.	SKILLS

- Excellent interpersonal skills and ability to interact with diverse groups.
- Well developed facilitation skills.
- Strong analytical skills.

7.	PERSONAL COMPETENCE

- Ability to maintain confidentiality.
- Ability to prioritize and manage time to meet deadlines.
- Self starter with ability to work independently and as part of a team.
- Awareness of and sensitivity to the multi-organizational environment in which UHA operates.

- **8. Salary and Benefits**

- Attractive salary can be offered to highly deserving candidates.
- Festival Bonus, Earned Leave Encashment, Health and Life Insurance, Increment on annual appraisal, and others as per policy.

Application Process:
Interested candidates are invited to submit a cover letter, curriculum vitae (CV), and contact information for three professional references to **recruitment.sph@bracu.ac.bd** by **December 21, 2024**.
Please indicate **"Senior Analyst (Statistics)"** in the subject line of the email.

Only short-listed candidates shall be invited for the test. All tests & interviews will be held in Dhaka. BRAC JPGSPH is an equal opportunity employer and encourages applications from qualified individuals regardless of race, ethnicity, gender, age, religion, or disability. We are committed to diversity, equity, and inclusion in our workforce and research endeavours.
The Organization reserves the right to make an appointment at a grade lower than that advertised.