

**Institute of Epidemiology, Disease Control and Research (IEDCR)
DGHS, MoHFW, Mohakhali, Dhaka-1212.**

Institute of Epidemiology, Disease Control and Research (IEDCR) under the Ministry of Health and Family Welfare (MoHFW), Government of the People's Republic Bangladesh in collaboration with EcoHealth Alliance, USA implementing PREDICT, a project of USAID's Emerging Pandemic Threats (EPT) program. PREDICT has made significant contributions to strengthening global surveillance and laboratory diagnostic capabilities for new and known viruses. PREDICT is now working with partners in 31 countries and continuing to build platforms for disease surveillance and for identifying and monitoring pathogens that can be shared between animals and people.

IEDCR is inviting application for the following position from Bangladeshi permanent resident.

- 1) Research Associate (Clinical) - 1
- 2) Research Associate (Microbiology) - 1
- 3) Research Associate (Veterinary) - 1
- 4) Research Associate (Anthropology) - 1
- 5) Medical Technologist- 1
- 6) Lab Technician- 1

The appointment will be made on a contractual service agreement for 6 months with possible extension based on performance and funding availability.

How to Apply:

Send an email with a **single attachment** labeled with your first and last name only ("first last.pdf") in PDF format containing with (a) a cover letter, (b) CV, and (c) two references to info@iedcr.gov.bd with "PREDICT-2 2018 RECRUITMENT" in the subject line. Emails without the subject line or with multiple attachments will not be received. No formal text is required within the body of your email, since emails will not be evaluated. The cover letter should be written in 1 page by addressing Director, IEDCR. Applicants will be evaluated based on motivation and criteria of the job and only appropriate candidates will be contacted

Application Deadline: 20th May, 2018 11:59 PM

Director
Institute of Epidemiology, Disease Control and Research (IEDCR)
Mohakhali, Dhaka-1212.

1. Position: Research Associate (Clinical)

Duty Station: Faridpur, Bangladesh (with a possibility of extensive field visit)

Job Nature: Full time (Contractual period will be for six months initially. Subject to the extension of contract based on performance and funding availability).

No: 01

Job Profile and Responsibilities:

The responsibilities of this position include:

- Conduct eligibility assessment, informed consent process, and enroll study participants from both Hospital (Indoor and Out Patient Department) and Community level.
- Evaluate new patients and Conduct thorough physical examination and gather detailed patient history according to project guideline.
- Interview the study participants using structured questionnaire.
- Collection of biological samples and communicate with Consultants for confirming eligibility.
- Manage quality and consistency of questionnaire administration and documentation in the field.
- Prepare and keep records of weekly participants' recruitment, data collection, and quality control reports.
- Manage sample processing, maintain cold chain, storage and arranging transportation from field to IEDCR laboratory to meet timelines.
- Logistic organization, field team management; maintain good relations with study team as well as community participants.
- Maintain and develop new relationships with local collaborators, including scientists and government officials.
- Report regularly to the PREDICT management team consisting of PREDICT program leads, members of the PREDICT institutional consortium, and the USAID project management staff.

Qualifications

- MBBS from any reputed medical college with valid BMDC registration.
- 01 year relevant experience including experience on clinical trials; Working at Government Hospitals will get preference.
- Excellent interpersonal and oral and written communication skills.
- Fluency in English.
- Cultural awareness and sensitivity.
- Proven ability work independently under challenging field conditions.
- A strong sense of team spirit and collaboration.
- Sound knowledge in Microsoft office and internet operations.
- An understanding of the One Health framework and links between human and animal health and ecosystems.

Monthly Salary and Other benefits: Depending on qualifications and experience, Incumbent may be hired at a trainee level (lower than the position level)

2. Position: Research Associate (Microbiology)

Duty Station: Dhaka, Bangladesh (with a possibility of extensive field visit)

Job Nature: Full time (Contractual period will be for six months initially. Subject to the extension of contract based on performance and funding availability).

No: 01

Job Profile and Responsibilities:

The responsibilities of this position include:

- Molecular microbiology: Perform Viral RNA extraction, Polymerase Chain reaction (PCR), Nested-PCR, Multiplex PCR, serological techniques, PCR-product purification, Gene sequencing, Agarose Gel Electrophoresis.
- Bioinformatics: Knowledge about Alignment tools including BLAST, ClustalW/X; Phylogenetic inference software including SeqMan, MEGA, EBI Bioinformatics Tools, Phylogenetic tree construction; Primer designing tools including Primer-BLAST, primer 3; Global and local alignment tools.
- Knowledge about BSL-2 safety, personal protection, sample management and processing, data management and analysis according to standard and project-specific SOPs.
- Assist with other projects within the EcoHealth Alliance's portfolio related to Emerging Infectious Diseases.
- Maintain and develop new relationships with local collaborators, including scientists and government officials.
- Help generate quarterly and/or annual reports to funders.
- Obtain necessary US and local permits and permissions, including ethical approval, to conduct research (e.g. IRB and IACUC) as well as to ship biological samples internationally.

Qualifications

- Candidates must have BSc and MSc degree in Microbiology from any Government and UGC approved university.
- Minimum of two years laboratory experience related to the study of infectious disease. Specifically working experience with RNA virus will be preferred.
- Publications in peer-reviewed scientific journals will be preferred.
- Excellent interpersonal and oral and written communication skills.
- Fluency in English.
- Cultural awareness and sensitivity.
- Proven ability work independently under challenging field conditions.
- A strong sense of team spirit and collaboration.
- A sense of humor.
- An understanding of the One Health framework and links between human and animal health and ecosystems.

Monthly Salary and Other benefits: Depending on qualifications and experience, Incumbent may be hired at a trainee level (lower than the position level)

3. Position: Research Associate (Veterinary)

Duty Station: Dhaka, Bangladesh (with a possibility of extensive field visit)

Job Nature: Full time (Contractual period will be for six months initially. Subject to the extension of contract based on performance and funding availability).

No: 01

Job Profile and Responsibilities:

The specific areas of responsibilities are detailed below:

- Design surveys and questionnaires to explore the economic drivers of disease emergence
- Estimate requirements for financial and non-financial resources based on research methodology.
- Mine relevant economic, qualitative, or other sources including grey literature and field observations to construct unique data sets for analysis.
- Estimate requirements for financial and non-financial resources based on research methodology.
- Preparing and planning field tour to specific sites for survey.
- Implement different survey questionnaires and conducting interview to explore the economic drivers of disease emergence.
- Be fully responsible for relevant work planning, data gathering, data entry, creating data sharing agreements, and analyses.
- Collecting wildlife samples (bat, rodents, shrews) with wildlife sampling team
- Preparing scientific draft manuscript for publication, poster and presentation for scientific conference

Requirements:

Education and Relevant Experience:

- Doctor of Veterinary Medicine (DVM) from any recognized university. Master's Degree in Epidemiology/ Agriculture Economics/Livestock Economics will be preferable
- The applicant should have at least two years of proven working experience in the related field.
- Candidates should have familiarity with general economic principles.
- Demonstrated excellence in scientific data analyses and in oral and written communication of scientific concepts to both technical and general audiences.
- Ability to work independently, manage time efficiently, and collaborate effectively with diverse colleagues in a fast-paced environment.
- Skill with using Microsoft Office, EndNote, and open source statistical software, preferably R
- Excellent interpersonal and oral and written communication skills.
- Fluency in English.
- A strong sense of team spirit and collaboration.
- An understanding of the One Health framework and links between human and animal health and ecosystems is a plus.

Monthly Salary and Other benefits: Depending on qualifications and experience, Incumbent may be hired at a trainee level (lower than the position level)

4. Position: Research Associate (Anthropology)

Duty Station: Dhaka, Bangladesh (with a possibility of extensive field visit)

Job Nature: Full time (Contractual period will be for six months initially. Subject to the extension of contract based on performance and funding availability).

No: 01

Job Profile and Responsibilities:

The successful applicant will manage the behavioral risk fieldwork and analysis design and implementation for the USAID-funded PREDICT program

- Understand research protocol, data collection techniques, questionnaire, survey methodology, target groups and areas etc.; Prepare plan for field visit as per instruction of the Supervisor;
- Conduct qualitative interviews, focus group discussion, questionnaire survey; Check data for accuracy and ensure quality; Transcribe Interviews, Data Coding and analyze the data using the specific qualitative data analysis software and related other works.
- Provide quality feedback on data collection process; Review information and data captured; Perform data analysis based on direction from PI; Create report with findings and share with supervisor
- Report daily activities to Principal Investigator; Coordinate with community people and other stakeholders in order to support project execution.
- Promote a spirit of collegiality and gender diversity amongst team members and in the organization; Ensure all projects assigned are performed efficiently; and that reporting requirements are met and surpassed

Requirements:

Education and Relevant Experience:

- Candidates must have Bachelor and Master's degree in Anthropology from any government approved university
- At least 2 years working experience in life sciences and emerging infectious disease field.
- Well-versed in social science survey methods, and qualitative research tools including observational study design, analysis, and interpretation.
- Skill with using Microsoft Office, internet operations, EndNote, and qualitative data analysis software preferably MAXQDA/Atlas.ti
- Excellent interpersonal and oral and written communication skills.
- Cultural awareness, sensitivity and high ethical standards.
- Fluency in English speaking and writing.
- Proven ability to work independently under challenging field conditions.
- An understanding of the One Health framework and links between human and animal health and ecosystems is a plus.

Monthly Salary and Other benefits: Depending on qualifications and experience, Incumbent may be hired at a trainee level (lower than the position level)

5. Position: Medical Technologist

Duty Station: Faridpur Bangladesh (with a possibility of extensive field visit)

Job Nature:

Full time (Contractual period will be for six months initially. Subject to the extension of contract based on performance and funding availability).

No: 01

Job Profile and Responsibilities:

- Collect Biological samples from study participants from both Hospital and Community.
- Labeling samples in proper way and before storage; store and preserve samples by properly maintaining cold chain for research and for shipment to Dhaka IEDCR Lab for tests purposes.
- Maintain and monitor freezer temperature log of collected specimen as well as main temperature log in transit through cool box and keep proper record of available stored samples in order to ensure quality in organizing and preserving samples.
- Prepare list of requisition for stock/non-stock laboratory reagent and other logistics requirements and arrange to collect those in consultation with the Supervisor.
- Ensure proper maintenance and use of equipment's with safety and security.

Requirements:

Education and Relevant Experience:

- Diploma in Medical Laboratory Technology with valid registration;
- The applicant should have at least two years of proven working experience in the related field.
- Knowledge of Laboratory Equipment Usage; Laboratory Testing Methods; and minor Laboratory Equipment's Engineering;
- Specimen Collection and Handling Guidelines and Techniques also processing for test/storage;
- Waste Management Requirements;
- Biohazards, Biosecurity and Biosafety Requirements;
- Quality Assurance Standards.

Monthly Salary and Other benefits: Depending on qualifications and experience, Incumbent may be hired at a trainee level (lower than the position level)

6. Position: Lab Technician

Duty Station: Dhaka, Bangladesh (with a possibility of extensive field visit)

Job Nature: Full time (Contractual period will be for six months initially. Subject to the extension of contract based on performance and funding availability).

No: 01

Job Profile and Responsibilities:

- Clinical Laboratory Diagnostics: Perform routine molecular laboratory tests and assays in accordance with approved SOP and keep records.; Maintenance and calibration of laboratory equipment for their optimum operation and perform minor trouble shooting.; Prepare controls, calibrators, reagents and chemicals and maintain log.; Prepare requisition for stock and non-stock lab supplies and keep updated records.; Assure appropriate bio-safety measures in the assigned laboratory during testing; Discard bio hazardous materials in Hypo-chloride; Neutralize harsh reagents before disposing PPE; Discard waste material in bio-hazard bag for autoclaving and incineration; Report results, maintaining strict confidentiality; Store leftover samples for further requirement in order to carry out clinical laboratory diagnostics services effectively;
- Quality Assurance: Review and update quality assurance manual; Check adherence to quality assurance processes from collection to reception by the laboratory in order to monitor adherence to quality guidelines in laboratory test processes and results;
- Maintenance of Equipment, Bio-Safety and Bio-Security: Maintain temperature log for sample and investigational products freeze as well as main temperature log in transit through cool box; contact with bio-medical engineering for maintenance works of medical equipment; control temperature as per guidelines in order to ensure proper maintenance and use of equipment's with safety and security.

Requirements:

Education and Relevant Experience:

- Diploma in Medical Laboratory Technology with valid registration;
- Minimum 2 years' experience in Clinical Microbiology Laboratory. Experience with molecular technique is preferred.
- Knowledge of Laboratory Equipment Usage; Laboratory Testing Methods; and minor Laboratory Equipment's Engineering;
- Specimen Collection and Handling Guidelines and Techniques also processing for test/storage;
- Waste Management Requirements;
- Biohazards, Biosecurity and Biosafety Requirements.

Monthly Salary and Other benefits: Depending on qualifications and experience, Incumbent may be hired at a trainee level (lower than the position level)