

Name of Center: Africa Centre of Excellence for Neglected Tropical Diseases and Forensic Biotechnology (ACENTDFB)  
 Institution: Ahmadu Bello University Zaria  
 Country: Nigeria  
 Center Leader: Prof. Y. K. E. Ibrahim  
 Annual Workplan (January-December, 2022)

On Schedule  
 Behind Schedule

Work Plan Activities	Description	Partner Contribution (if relevant)	2022 Y2Q1			2022 Y2Q2			2023 Y2Q3			2023 Y2Q4			Milestone Output	IFNEW, Provide Justification	Estimated Budget(\$)	Estimated Revenue/DLI Earnings (\$)	Person Responsible
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
<b>Action Plan 1: Development Impact (DLR 2)</b>																			
<b>Sub-Action 1a: Promoting Student /Employers Interaction</b>																			
Activity 1: Annual Job fair and career counselling Workshop	To enable students acquire requisite information on career paths and opportunities for graduates														Increased number of graduates that got employment within one year of graduation.		4,000		Industrial Liaison Officer of the Centre
Activity 2: Development of Alumni database	To have a record of alumni for tracking														Update database of alumni produced		5,000		ICT Officer
<b>Sub-Action 1B: Advocacy and NTDS Fair</b>																			
Activity 1: Organisation of Annual ACENTDFB Open Day (involving seminars, paper and poster presentation by faculty and students)	To disseminate Centre activities to the University community, national and other stake holders														Improved awareness of Centre's activities and impact		3,145	0	Deputy Centre Leader, Communication officer
<b>Action 2: Improving Enrolment DLI3 Action: Quantity of Students</b>																			
<b>Sub-Action 2a: Facilitation of Regional and Student enrolment into the Centre's training programmes</b>																			
Activity 1: Award of Scholarship (Payment of tuition & accommodation fees, stipend) for regional and international students (10 nos. of additional regional students targeted)	To facilitate regional student enrolment (Though subscriptions to the MSc and PhD Forensic Biotechnology is much higher than other PG programmes in the Dept of Biochemistry, regional student proportion is still relatively low. Centre has already planned visits to Abuja offices of Embassies of regional countries in Nigeria as well as visits to four West African Countries (Cote d'Ivoire, Gambia, Sierra Leone and Niger)														Getting the required national and regional students into the Centre's programmes		45,700		Centre Leader, Project Coordinator
Activity 2: Visits to embassies and interactions with Nigerian foreign missions																	13,500	92,000	Centre Leader, Deputy Centre Leader
Activity 3: Collaboration with both new and conventional media organisations for greater publicity	Improved visibility and publicity of Centre's activities were identified as means of facilitating students enrolment, hence the various strategies being planned.																3,182		Communications Officer/ ICT officer
Activity 4: Periodic update of the website with current activities of the Centre and website maintenance																	500		ICT officer
Activity 5: Review and adopt the communication and media strategies document																	500		Deputy Centre Leader, Project Coordinator, Communications Officer
Activity 6: Set up media Fellowship to market the project																	500		Deputy Centre Leader
Activity 7: Bi-annual Newsletter Publication and advertisement																	5,000		Deputy Centre Leader
<b>Sub-Action 2b: Development and Mounting of Curriculum of MSc and Master in Forensic Science</b>																			
Activity 1: Processing of Curriculum for MSc and Masters in Forensic Science for University Senate approval															MSc Forensic programme mounted		2,500		Director DAPM, HOD Biochemistry
Activity 2: Resource verification for MSc and Masters in Forensic Science by NMC																	8,200		Director DAPM, HOD Biochemistry
Activity 3: Recruitment of students and admission processing																	6,250		Centre Leader, PG Coordinator, HOD Biochemistry
<b>Sub-Action 2c: National and Regional Short term training workshops</b>																			
<b>Workshops at ACENTDFB</b>																			
Imparting skills and techniques in diagnosis and handling of neglected tropical diseases & basic biotechnology techniques																			
Activity 1: Bioinformatics and Phylogenetic Analysis															Developed skills and techniques in NTD related researches		16,500		Project Coordinator, CBRT Director, Lab Manager
Activity 2: Surveys in NTDs: Design, planning, sampling and documentation																	20,300		Project Coordinator, CBRT Director, Lab Manager
Activity 3: Rabies diagnostics and surveillance																	12,500		Project Coordinator, CBRT Director, Lab Manager
Activity 4: Curriculum design and development - Modern approaches																	10,750		Project Coordinator, CBRT Director, Lab Manager
Activity 5: Gene cloning and expression																	15,250		Project Coordinator, CBRT Director, Lab Manager
Activity 6: CRISPR Technology and its applications																	14,600		Project Coordinator, CBRT Director, Lab Manager
Activity 7: Molecular characterization of vectors of NTDs																	7,500		Project Coordinator, CBRT Director, Lab Manager
Activity 8: Animal tissue culture methods in management and control of NTD																	12,000		Project Coordinator, CBRT Director, Lab Manager
Activity 9: Quantitative PCR Methods in infectious disease research																	14,750		Project Coordinator, CBRT Director, Lab Manager
Activity 10: Molecular Typing Methods in Social and Genealogical Matters, MAUTECH, Yola																	10,300		Project Coordinator, CBRT Director, Lab Manager
Activity 11: PCR and B3 Application in Research at University of Madagascar																	24,400		Project Coordinator, CBRT Director, Lab Manager
Activity 12: Molecular diagnosis of trypanosomes at NIMR, Lagos																	15,300		Project Coordinator, CBRT Director, Lab Manager
Activity 13: Molecular diagnosis of Oochocerciasis at University of Ngaoundere, Cameroon																	21,500		Centre Leader
Activity 14: Quantitative PCR Methods in infectious disease research at Jean Lorougoun Guede University, Daloa, Cote de Ivoire																	20,000		Centre Leader
Activity 15: Gene cloning and expression at College of Natural Science, Makerere University, Kampala, Uganda																	21,850		Centre Leader
Activity 16: Bench work and student recruitment at CIRDES, Burkina Faso																	14,530		Project Coordinator, CBRT Director, Lab Manager
Activity 17: Bench work and student recruitment at CIRDES, Burkina Faso																	18,000	350,000	Deputy Centre Leader
<b>Action 3: Enhancing Quality Education/DLI Action: Infrastructural and Relevance of Education and Research</b>																			
<b>Sub-Action 3a: Approval of plan for Construction of Moot Court and Crime Scene Demonstration Lab</b>																			
Activity 1: Engagement of consultant for the design and production of architectural, structural, and electrical design (payment of design fees)	To design a standard architectural framework for Forensic programme and Administrative Building														Administrative Building with Moot court and Crime Demonstration Lab constructed		44,512		Procurement officer, Project Consultant
Activity 2: Engagement of ESMP consultant to develop ESMP document for the civil work	To ensure safety of research facilities																8,500		
Activity 3: Approval by ESMP WB Consultant and University Physical Planning Unit of University															ESMP document developed and approved		0		
Activity 4: Engagement of a Project consultant	To oversee and ensure the completion of the civil works in accordance with specifications and timelines																54,500		
Activity 5: Advertisement and contract award	To enable the commencement of the civil works																2,500	400,000	Centre Leader
<b>Sub-Action 3b: Facilitation of Students' Internship and Skill enhancement</b>																			
Activity 1: Sourcing of Centres and Placement of students (including	To provide more internship facilities and Centres for students. Additional laboratories which are into biotechnology and molecular diagnostics have been identified. We also intend to explore other Internship Centres through relevant organs such as Medical Laboratory Council of Nigeria, Guild of Private Laboratory Operators, NCDC, Sentinel Forensics, etc. Using this approach we will be able to send at least 20 of our students on internship annually.														Students with industrial relevant skills		2,500		Project Coordinator
Activity 2: Administration and Management of Interns (including subsistence stipend (\$250 per student), transportation cost, and other incidental expenditures (\$100 per student) for about 20 students)	To ensure hitch-free placement and improved internship participation of students																7,000		Student Internship Officer
Activity 3: Sponsorship of students to national workshops & conferences (10#)	To expose students to best practices and linkage opportunities																3,000	23,000	Deputy Centre Leader
Activity 4: Sponsorship of students to International Labs (4#), workshops and conferences (4#)	To provide world class research facilities, expose them to best practices and linkage opportunities																		
<b>Sub-Action 3c: Maintenance of Animal House</b>																			
Activity 1: Re-stocking of research animals	To facilitate research in drug and vaccine development														Availability of Research Laboratory Animals		15,000		Research officer, Lab Manager
Activity 2: Provision of animal feeds (one year)																	10,000		Procurement officer
Activity 3: One year enrolment for casual labour																	5,000		Accountant



