1. **Budget**

|  |  |  |  |
| --- | --- | --- | --- |
| **Items** | **Unit Price** | **Quantity** | **Total** |
| 1. **Salaries (Service for fee basis based on hourly rates per qualification)**
 |
| Lead applicant:(48 hours for English course, 24 hours for journal clubs and 48 hours for manuscript WS) | $25 | 120 | $3000 |
| Mentor Professor Seydou DOUMBIA | $50 | 20 | $1000 |
| Co-mentor Professor DOUMBO Safiatou NIARE | $50 | 20 | $1000 |
| Collaborator Professor Barbara HOUTZ | $50 | 20 | $1000 |
| Support staff Mr Aliou Badra SANOGO | $10 | 96 | $960 |
| **Sub-total 1** |  |  | **$6960** |
| 1. **Supplies**
 |
| A4 paper sheet RAM | $5 | 20 | $100 |
| USB Flash drive 32 GB/ Markers and Pens for trainees | $15 | 40 | $450 |
| **Sub-Total 2** |  |  | **$550** |
| 1. **Equipment**
 |  |  |  |
| (01) Laptop Windows 10 Professsional + Pointer + Antivirus + Microsoft Word, Excel and Powerpoint  | $1000 | 1 | $1000 |
| (01) Color Printer + Photocopy + scanner + Fax Machine | $600 | 1 | $600 |
| **Sub-Total 3** |  |  | **$1600** |
| 1. **Trainees’ Recruitment, Lodging, Subsistence**
 |
| Protocol Approval Fee | $500 | 1 | $500 |
| A Monthly Studio Rental for six months ($100 per month per trainee) | $600 | 10 | $6000 |
| Lunch break for the 6-week English Course ($3.00 per person for 25 people) twice a week | 75 | 12 | $900 |
| Lunch break for the 3-month presentation + journal clubs ($3.00 per person for 25 people) twice a month | 75 | 6 | $450 |
| Dinner for foreign trainees ($3 per person for 10 people) for six months | $33.33 | 180 | $6000 |
| **Sub-Total 4** |  |  | **$13850** |
| 1. **Travel and Training**
 |
| Reimbursement Transportation Port Louis, Mauritius Island-Bamako- Port Louis (Airplane Ticket) | $1000 | 1 | $1000 |
| Reimbursement Transportation Praia, Cape Verde-Bamako- Praia, Cape Verde (Airplane Ticket) | $1000 | 1 | $1000 |
| Reimbursement Transportation Capital city of the country-Bamako- Capital City of the Country (Bus Ticket) | $200 | 8 | $1600 |
| Reimbursement Transportation for the Steering Committee Members (n=6) X six meetings | $120 | 6 | $720 |
| Perdiem for Mentoring Foreign Trainees at the Malaria Research and Training Center (MRTC) or a University Hosp. | $300 | 10 | $3000 |
| Reimbursement Transportation for the two facilitators (Professor Drissa Traore and Professor Kadiatou Singare) | $600 | 2 | $1200 |
| **Sub-Total 5** |  |  | **$8520** |
| 1. **Other Allowable Costs**
 |
| Public and Community Engagement (PCE) Conferences  | $200 | 2 | $400 |
| Data Analysis Cost | $100 | 1 | $100 |
| Videotaping short lectures for the online course | $1200 | 1 | $1200 |
| Scenarisation of the Course Professor Barbara HOUTZ (40 hours) | $50 | 40 | $2000 |
| **Sub-Total 6** |  |  | **$3700** |
| **7.Financial Contribution tho the Program** |
| Registration fees for Malian and Foriegn Trainees (n=40) | $420 | 40 | $16800 |
| **Sub-Total 7** |  |  | **$16800** |
| 1. **Indirect Costs**
 |
| Institutional Overhead 8% of the Award Value  | $1600 | 1 | $1600 |
| **Sub-Total 8** |  |  | **$1600** |
| **Grand TOTAL=(Subtotal 1+ 2+ 3+ 4+ 5+6+8) – (Subtotal 7)** |  |  | **$19980** |

# Ouagadougou, Burkina Faso-Bamako- Ouagadougou, Niamey, Niger-Bamako- Niamey, Conakry, Guinee-Bamako- Conakry, Nouakchott, Mauritania-Bamako- Nouakchott

1. **Budget Justification**
2. **Salaries**

No salary will be requested on this award due to the limited budget. Compensation for time and effort for study investigators will be on a fee-for-service basis. The lead applicant will receive $25 per hour for 120 hours (48 hours for English course, 24 hours for journal clubs and 48 hours for manuscript writing workshop) at 70% FTE. Senior investigators (mentor, co-mentor, and collaborator) will receive each $50 per hour for 20 hours at 5% FTE, which is six times lower than a regular rate for their career stage. A support staff (a junior English teacher) will receive $10 per hour for 96 hours (48 hours for English course and 48 hours for manuscript writing workshop) at 50% FTE. He will do all the secretary jobs from the application process up the end of the award.

1. **Supplies**

Before each training, trainees will receive USB flash drive to store course materials. We will adopt inverted classroom approach i.e. electronic and hard copy versions of the weekly course materials will be dispatched to trainees ahead of the session. Hard copies will be useful in the event of regular electricity outrages in Bamako.

1. **Equipment**

We will use a laptop for PowerPoint presentation, editing individual and group homework from trainees and videotape trainees’ oral presentations for visualization and personalized feedback. Printing and copying the course materials ourselves will be more expensive than using on street printing and copying services, but we can control the quality of the photocopies and we will have the equipment for other uses even after the award.

1. **Trainees’ Recruitment, Lodging, Subsistence**

Our research project will include investigations on human subjects. We will start the IRB approval upon notification of the award. It takes 2-3 weeks to get an appointment to defend the research protocol, 24-48 hours to get the feedback letter for correction and recommendations and 1-2 weeks to get the letter of approval. We will follow up trainees after the training for q year to monitor the number of publications (specifically in English).

Foreign trainees will live at the **Fomba House & Apartment Rentals** in Koulouba, Bamako. We expect a 1:1 sex ratio, therefore each trainee will in his/her own non-furnished Studio/Apartment for privacy and respect for gender. We have negotiated a rate of $100 per month per trainee. They will have dinner delivered by the **Omega Restaurant**, Point G, across the street from the campus of the FMOS. We have negotiated a subsidized cost of $5400 for six months. This way, we ensure not only the quality and safety of the food, but also the safety of the foreign trainees. They will also safe time for individual and group homework. Living at the same place will make it easier the interaction between the trainees.

Our sessions will run from 10 AM to 2 PM with a lunch break on Tuesdays and Thursdays. From our experience, clinicians are best available for training if they can stop by the hospital in the morning before the session and go back to the hospital afterwards. For a 4-hour teaching, a 20-30 minute break after two hours is reasonable for a quick lunch in the classroom. Omega Restaurant will deliver the lunch timely.

1. **Travel and Training**

Foreign trainees from Burkina Faso, Niger, Guinee and Mauritania will commit by bus from the capital city to Bamako for the training and from Bamako to their country after the training. Trainees from Mauritius Island and Cape Verde will travel by airplane. In either case, Trainees will pay the ticket and the stated amount will be disbursed at arrivals. This amount encompasses a one-time symbolic $100 for installation fee (a mattress, a bed cover, and a curtain). During their stay, female trainees (n=5) will be under the mentorship of Professor DOUMBO Safiatou Niare and male trainees under Professor Seydou Doumbia. After the first six weeks in the program, clinicians will have the option to do clinical practicals at either collaborating University hospital (Point G or Gabriel Toure) and researchers will be in the labs at the MRTC. Mentors will identify the appropriate trainers/supervisors to match with the trainees’ specialty and interests. For accountability, we need to motivate the trainers/supervisors. Our vision for this program is to become a venue for sabbaticals (6-12 months) for faculty members in the region. If successful this time around, we will develop a similar training program for protocol, project and proposal in English, too.

1. **Other Allowable Costs**

We will have a welcoming conference and a farewell conference at the FMOS in Point G. The Rectors of the University, the dean office at the FMOS and the Ministry of Higher Education and Research will be invited. This will give visibility to the program and to the funder. We expect to publish one major paper from this award. We will apply for APC waiver as a researcher from a LMIC. Trainees will be responsible for the APC for their own manuscripts. Upon award, we will work with a data analyst from the department of public health to plan which data to be collected and how data will be analyzed ahead. The data analysist will be co-author if he/she meets the criteria for authorship. Otherwise, he/she will receive $100 one time with acknowledgements in the publication.

**Mr Salif Traore**, a collaborator, filmmaker and teacher at the University of Arts Balla Fasseke in Bamako ([see](https://fr.wikipedia.org/wiki/Salif_Traor%C3%A9_%28r%C3%A9alisateur%29)) will record at the FMOS in Point G the lectures in short videos (7 minutes minimum and 20 minutes maximum per video) from the lead applicant, Professor Doumbia, Professor Niare and the support staff. Professor Houtz will record her presentations herself. We expect 18-30 videos for online course at a subsidized cost of $1200 (filming and treating images to produce a professional product).

**Professor Barbara HOUTZ** will be responsible for scenarisation of the course for the online version. She will receive a symbolic $50 per hour for 40 hours. The USTTB will own both the on campus and online courses with all the honors and privileges pertaining to it.

1. **Financial Contribution to the Program**

Each Malian trainee will pay for $420 to attend our 6-month program whereas foreign trainee will pay for $300, which amounts for $15600 total. This amount will cover food for lunch break and dinner. More importantly, trainees learn best when they have invested their time, money and their person into a given program of their interest.

1. **Indirect Costs**

Our home institution has agreed with the 8% overhead (indirect cost) rate i.e. $1,600.00 for the award. Overall, we will be requesting $19,980 from the AFREhealth to carry out the proposed work.