**Contribution of Co-Investigator:**

As Co-Investigator (Co-I) on this project, I will supervise the design and implementation of a survey to assess the ownership, usage and awareness of the efficacy of LLINs among adolescents within Ghana. As a social scientist working in the department of social and behavioural sciences at the University of Ghana, I, along with my frequent collaborator Professor Adongo also in the department, have much experience in collecting data about health attitudes from urban and rural Ghanaian communities.

This survey will firstly assess the general understanding within the survey population of the routes through which malaria transmits. Then we will assess the population’s knowledge of the efficacy, and use of, various prevention methods, such as: Chemotherapy, behavioural changes, vector breeding control and the use of LLINs. This would be interesting to assess, to see if any further education campaigns would also be useful among the youth to further prevention. From this we will then assess the ownership and usage of LLINs among this population, asking if they own, or their family owns, a bednet, if they use said bednet or whether they would use one were they to be given one. We will also ask about their receptivity to other interventions, such as chemotherapy, insecticide spraying and vaccination, in order to gauge their desire for further malaria prevention.

This survey will be conducted in English, given that the main language in the Ghanaian education system is English. For each of the three study areas mentioned above we will recruit four local field workers to go into schools to carry out the questionnaire in pairs. Both members of these pairs will then independently input their results into the software Epi Info, provided freely by the CDC, with any discrepancies further resolved to ensure accuracy of the survey. Once a first draft of the questionnaire is created we will test this in Accra, to resolve any intial difficulties, before rolling out to all three of the study areas.