



**USAID**  
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## Regional DHS/MIS Malaria Analysis Workshop

February 1<sup>st</sup>- 9<sup>th</sup>, 2016  
Kampala, Uganda

The Demographic and Health Survey (DHS) Program is seeking applications for an eight day malaria data analysis workshop to be held in or around Kampala, Uganda from February 1<sup>st</sup>-9<sup>th</sup>, 2016.

The regional workshop will teach participants to analyze Demographic and Health Survey (DHS) and Malaria Indicator Survey (MIS) data sets with a special focus on malaria data. The statistical software Stata 14 will be provided for use during the workshop. The content of the workshop includes sampling/weighting of survey data, recoding variables, computation of malaria indicators, linear/logistic regression, and data use for decision making. Participants will work in teams of 2-3 people throughout the workshop to answer a pre-identified malaria-related research question through analysis of DHS/MIS data. The final product will be a draft of an abstract for submission to a scientific journal or conference.

By the end of this workshop, participants will be able to:

1. Understand population-based household survey data on malaria
2. Use DHS/MIS data to answer research questions focused on M&E of malaria
3. Perform data analysis using statistical software
4. Present key results using appropriate formats
5. Use results to create an abstract that can be submitted to conference and/or scientific journals

### Eligibility and Requirements

Interested applicants must meet the following criteria:

- Must live and work in a malaria endemic Sub-Saharan African country
- Must apply as a team of 2-3 individuals from the same country who work on malaria-related issues. Targeted institutions include NMCPs, research organizations, non-profits (NGOs), and universities. Preference will be given to teams with participants from NMCPs.
- Must have a valid passport (valid 6 months after workshop) and be able to understand and communicate in English
- Must have a laptop computer that can be used throughout the workshop
- Must have at least a Master's Degree in public health, demography, statistics, or related subject or comparable work experience as well as basic training in statistics.
- Must be available to attend every day of the workshop

- Must be committed to share the information with colleagues after the workshop is completed.

Applications should include the following items:

- A completed application form (one per team)
- A one page proposal (one per team) outlining a malaria-related research question that could be answered with DHS/MIS data and its potential program or policy significance
- A curriculum vitae for each team member

## Anticipated Timeline

December 7, 2015	Applications due
Early January 2016	Selected candidates notified
Mid-January 2016	Selected candidates complete pre-workshop exercises online and submit a letter from his/her employer approving participation for the entirety of the workshop.
February 1 <sup>st</sup> -9 <sup>th</sup> , 2016	Workshop in Uganda
Mid-February, 2016	Selected candidates complete post-workshop exercises online

## Workshop Costs

The USAID-funded DHS Program will cover hotel, per diem, and local transport costs in Uganda for all participants. Airfare and transport to the airport in home country is expected to be covered by the participant or by his/her employer. If your institution is unable to pay for airfare, a limited number of travel fellowships will be available. Please fill out the Travel Fellowship portion of the application if your team is unable to secure funding and wishes to be considered for a travel fellowship. Funding for airfare and transport to airport in home country will be required for selected teams by January 11<sup>th</sup>, 2016.

## Contact Information

Please send applications and inquiries to Ms. Soni Fitzhugh ([malaria@dhsprogram.com](mailto:malaria@dhsprogram.com)).

For information on DHS and MIS surveys please visit [www.dhsprogram.com](http://www.dhsprogram.com).

## TEAM APPLICATION FOR CONSIDERATION

Regional DHS/MIS Analysis Workshop  
Applications Due: December 7<sup>th</sup>, 2015

Applications must be from teams comprised of 2-3 participants from the same country who work on malaria related issues. Institutions can include research organizations, non-profits (NGOs), NMCPs, or universities. Team members do not have to work at the same institution.

Please fill out one application form per team (2-3 people). Send completed application and curriculum vitae's for each team member to Ms. Soni Fitzhugh ([malaria@dhsprogram.com](mailto:malaria@dhsprogram.com)) by **December 7<sup>th</sup>, 2015**.

Country: \_\_\_\_\_

### **Participant 1 (*Designated Point of Contact*)**

Name: \_\_\_\_\_

Institution: \_\_\_\_\_

Job Title: \_\_\_\_\_

Email: \_\_\_\_\_

Gender:                                  Male                                  Female

### **Participant 2**

Name: \_\_\_\_\_

Institution: \_\_\_\_\_

Job Title: \_\_\_\_\_

Email: \_\_\_\_\_

Gender:                                  Male                                  Female

### **Participant 3 (*Optional Member*)**

Name: \_\_\_\_\_

Institution: \_\_\_\_\_

Job Title: \_\_\_\_\_

Email: \_\_\_\_\_

Gender:                                  Male                                  Female

**As a team, please agree to the following statements (check):**

All team members live and work in a malaria endemic Sub-Saharan African country

All team members are able to attend every day of the workshop

All team members are able to understand and communicate in English

All team members work on malaria related issues

All team members have a valid passport (valid 6 months after workshop)

**Participant I Applicant Information**

Name: \_\_\_\_\_

Do you have a Windows or Apple computer that can be used throughout the workshop? (check response)

Windows

Apple

Please describe your work with malaria-related issues.

How many times a week do you use a statistical software program?

Please select your comfort level for working with the listed statistical software  
0= no experience, 1= minimal experience, 2= moderate experience, 3= fully comfortable

Stata	<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
SPSS	<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
R	<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
EpiInfo	<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3

Please give an example of how you recently used a statistical software package in your work. Please specify the software program used.

Have you used/analyzed DHS data in the past? If so, please describe

**Participant 2 Applicant Information**

Name: \_\_\_\_\_

Do you have a Windows or Apple computer that can be used throughout the workshop? (check response)

Windows

Apple

Please describe your work with malaria-related issues.

How many times a week do you use a statistical software program?

Please select your comfort level for working with the listed statistical software  
0= no experience, 1= minimal experience, 2= moderate experience, 3= fully comfortable

Stata	<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
SPSS	<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
R	<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
EpiInfo	<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3

Please give an example of how you recently used a statistical software package in your work. Please specify the software program used.

Have you used/analyzed DHS data in the past? If so, please describe

**(OPTIONAL) Participant 3 Applicant Information**

If your team includes a 3rd team member please fill out this page. If not, proceed to page 6 of the application

Name: \_\_\_\_\_

Do you have a Windows or Apple computer that can be used throughout the workshop? (check response)

Windows

Apple

Please describe your work with malaria-related issues.

How many times a week do you use a statistical software program?

Please select your comfort level for working with the listed statistical software

0= no experience, 1= minimal experience, 2= moderate experience, 3= fully comfortable

Stata	<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
SPSS	<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
R	<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3
EpilInfo	<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3

Please give an example of how you recently used a statistical software package in your work. Please specify the software program used.

Have you used/analyzed DHS data in the past? If so, please describe

Please describe in the space below a brief, original malaria-specific research proposal, clearly outlining the research question(s), scope of analysis, and how DHS or MIS data will be used to answer these questions. Please also include the potential policy significance of the proposed study.

Please send the following items to Ms. Soni Fitzhugh ([malaria@dhsprogram.com](mailto:malaria@dhsprogram.com)) by December 7<sup>th</sup>, 2015

1. Filled in application (one per team)
2. Curriculum vitae for all team members with complete contact information (Email, Telephone, Address)



**Optional Travel Fellowship Application**

As stated in the application the USAID-funded DHS Program will cover hotel, per diem, and local transport costs in Uganda for all participants. Airfare and transport to the airport in home country is expected to be covered by the participant or by his/her employer. If your institution is unable to pay for airfare please fill out the below travel fellowship application. If you have any questions regarding funding please contact Ms. Soni Fitzhugh ([malaria@dhsprogram.com](mailto:malaria@dhsprogram.com)).

Please list below which team members will require funding for airfare to Uganda.

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Please list below the reasons your group/group member requires a travel fellowship to attend this workshop.

How would the skills gained in this workshop directly benefit you in your job and/or organization?