

## PHOEBE AKINYI MBADI

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Names: Phoebe Akinyi Mbadi  
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Date of birth 16<sup>th</sup> Sept 1980

### **PROFESSIONAL TRAINING**

Current **Bachelor of Philosophy in Applied Biology** – Technical University of Kenya, *ongoing*  
Sept. 2003-Nov 2004: **Higher National Diploma in Applied Biology** - The Kenya Polytechnic University College  
Sept 2000-Nov 2002: **Diploma in Applied Biology** -The Kenya Polytechnic University College.

### **Academic Training**

1999: **Kenya Certificate of Secondary Examinations** - Kiranja Secondary School  
1994: **Kenya Certificate of Primary Examinations** - Khalsa Racecourse Primary School

### **Other Training and Short Courses**

May 2010: **Mosquito Ecology and Control course.** (National Institute for Medical Research-Tanzania)  
October 2007: **Human Participants Protections Education for Research Teams.** (Online course)  
March - May-2003: **Office management and public relations** - Modern Management Institute.  
Jan. - Feb 2002: **Certificate in Computer Proficiency**

### **WORK EXPERIENCE.**

July 2013-to date: **University of Nairobi, School of Biological Sciences Chiromo Campus**  
Laboratory Technologist; Entomology Unit and Insectary  
**Core Responsibility:** Carrying out scientific technical demonstrations for Undergraduate and Masters Students (2)  
Rearing of insects for teaching purposes(Locust, Crickets, Mosquitoes, Roaches)  
February 2008-March 2011: **Technician, International Center of Insect Physiology and Ecology (ICIPE-Mbita.)** Projects: Disruption of Malaria Transmission.

**Core Responsibility:** Carrying out mosquito bioassays using synthetic odor blends and working with *Anopheles gambiae sensu stricto* mosquitoes.

Oct 2006 -December2007: **Technical Research Assistant, University of Nairobi, and College of Biological Sciences.** Project: Sterile Insect Technique (SIT), Mosquito Mass Rearing. *Anopheles gambiae*

April-September 2006: **Technical assistant, International Center of Insect Physiology and Ecology (ICIPE), Duduville Campus, Nairobi.** Projects: Entomopathology Unit-The use of *Metarhizium anisopliae* for the control of ticks.

April2004-Sept 2004: **Laboratory Assistant, Kenya Industrial Research and Development Institute (KIRDI)** Microbiological production of *Bacillus Thuringiensis (Bt)* for the control of mosquito larvae.

### **PART TIME WORK**

October 2012 **Quality research interviewer- Anglican Development Services-Kisumu, Kenya; and Care Kenya-Kisumu**

January 2010: **Baseline survey data collector, Great Lakes University of Kisumu, Butere District -Kenya**

January 2009: **Field Intern, Community work with Rusinga Malaria Project in Rusinga Western Kenya**

Jan - Mar 2006: **Data collection and Entry-Push Pull project *icipe*-Mbita.**

June 2005: **Baseline survey supervisor, World Vision-Kenya, Lambwe Division-Mbita District**  
Baseline Survey for Orphans and Vulnerable children (OVC)

October 2004: **Data Processing, Research International (R.I.), East Africa, Nairobi-Kenya.**

### **PROFESSIONAL SKILLS**

Computer literacy: Proficiency in MS Word, MS Excel, MS Access and MS PowerPoint.

Data Processing: Data collection and Entry, Data Cleaning and Coding, Data analysis using MS Excel, Genstat Edition and SPSS packages. Report writing and Presentation skills

Research skills: Conducting literature search, involvement and execution of study designs, conducting bioassays, conducting Focus Group discussions, Baseline surveys,

## PUBLISHED WORK

- Niels Verhulst, Phoebe Mbadi, Gabriella Kiss, Wolfgang Mukabana, van Loon Joop, Willem Takken, Renate Smallegange; **Improvement of a synthetic lure for Anopheles gambiae using compounds produced by human skin microbiota** *Malaria Journal* 2011, **10**:28
- Evelyn Olanga, Michael Okal, Phoebe Mbadi, Elizabeth Kokwaro, Wolfgang Mukabana **Attraction of Anopheles gambiae to odour baits augmented with heat and moisture** *Malaria Journal* 2010, **9**:6
- **Technical assistance:** Renate Smallegange, Wolfgang Schmied, van Roey Karel, Niels Verhulst, Jeroen Spitzen, Wolfgang Mukabana, Willem Takken **Sugar-fermenting yeast as an organic source of carbon dioxide to attract the malaria mosquito Anopheles gambiae**
- The Standard Newspaper Article 13/02/2012 **Unwashed socks could be antidote to mosquito bites**
- Smallegange Renate C, Bukovinszkine Kiss, Otieno G Bruno, Mbadi P.A, Takken Willem, Mukabana W.R, and Van Loon J.A **Identification of candidate volatiles that affect the behavioural response of the malaria mosquito Anopheles gambiae sensu stricto to an active kairomones blend, laboratory and semi field assays.** *Physiological Entomology*, 37; 60-71.

## REFERENCES

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School of Biological Sciences  
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