

Curriculum vitae

Personal Data

Names Franklin Nyabuto Nyabuga (PhD)
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Personal profile

I am entomologist and ecologist. Have research interest in insect – plant interactions, insect –insect interactions, insect communication, ecology, evolution and behavior, and enjoys scholarly discussions and knowledge sharing.

University Education

- 10/2006 – 04/2010 **PhD** in Natural Sciences, Friedrich-Schiller-University, Jena, Germany
(*magna cum laude*).
Thesis: Parasitoids: metapopulation ecology and genetics, mating behaviour, and aphid host resistance.
Supervisors: Prof. Dr. Wolfgang W. Weisser, Prof. Dr. David G. Heckel and Prof. Dr. Hugh, D. Loxdale
- 09/2001 – 04/2004 **MSc.** In Agronomy (Crop Protection), Egerton University, Njoro, Kenya.
Thesis: The incidence and control of *Brevicoryne brassicae* and *Bagrada cruciferarum* on *Brassica oleracea* Var. *Acephala*, D.C. in Njoro, Kenya.
Supervisors: Prof. Alice W. Kamau and Dr. Remy Tuey
- 10/1996 – 06/2001 **BSc.** in Agricultural Education and Extension, Egerton University, Njoro, Kenya (*Upper second class honours*).

Work experience

- 01/2016- to 09/ 2016 **Lecturer** at Meru University of Science and Technology, Department of Agriculture, Meru – Kenya.
- 03/2013- 02/2015 **Postdoctoral Fellow** at the Department of Biology, Lunds University, Lund - Sweden; supervised by Prof. Olle Anderbrant and Prof. Glenn Svensson.
- Studied how insects find and select host plants, and how habitat fragmentation and loss affects insect biodiversity.
- 03/2011- 02/2013 **Postdoctoral Fellow** at the Department of Plant Protection Biology, Swedish University of Agricultural Sciences, Alnarp - Sweden; supervised by Prof. Mattias Larsson.

- Studied how loss and fragmentation of forest habitats affect genetic diversity of saproxylic insects.

11/2004 – 06/2006

Lab- and Quality-Manager at Dudutech (K) Ltd, Naivasha - Kenya.

- Team leader, coordinated all laboratory procedures geared towards production of fungi and nematodes used in biological control of plant diseases and insect pests. Researched on new products.

Conferences and Seminars

17/07/2015	AVDRC, The World Vegetable centre in Tainan - Taiwan. Presented a seminar entitled " <i>Field abundance patterns and host choice by clover seed weevils</i> "
29/06 – 03/07/2015	International Society of Chemical Ecology in Stockholm - Sweden. Presented a poster entitled " <i>Clover seed weevils: Flowers for the females</i> ".
14/12/2009	Institute for Ecology symposium in Jena - Germany. Presented a talk on " <i>The spatial genetics of the parasitoid, <u>Lysiphlebus hirticornis</u></i> "
16 – 19/03/2009	Deutsche Gesellschaft für allgemeine und angewandte Entomologie (DGaE) in Göttingen - Germany. Presented a talk on " <i>The good life and hard times of <u>Lysiphlebus hirticornis</u></i> "
03/2009	International Max Planck research seminars in Jena - Germany. Presented a poster entitled " <i>The good life and hard times of a specialist aphid parasitoid, <u>Lysiphlebus hirticornis</u></i> "
21/01/2009	Institute for Ecology Seminars in Jena - Germany. Presented a talk on " <i>Metapopulation ecology and genetics of <u>Lysiphlebus hirticornis</u></i> "
18 – 20/11/2007	International Foundation for Sustainable Development in Africa and Asia conference in Göttingen - Germany. Presented a poster entitled " <i>Effect of aphid secondary symbionts on resistance against parasitoids</i> "

Supervision and Mentorship

06/2014 – 09/2014	Supervised a student project on <i>Clover weevil feeding preference</i> . Lunds University, Lund – Sweden.
08/2011 – 12/2011	Supervised a Masters' thesis on <i>Population genetics and sympatric evolution of the Grapevine moth</i> . Swedish University of Agricultural Sciences, Alnarp – Sweden.
Various dates from 2007 to 2009	Supervised outdoor practical courses at the Friedrich-Schiller-University, Jena – Germany.
07/2007 – 08/2007	Supervised a Masters' thesis on <i>The effects of ants on parasitized aphids</i> . Friedrich-Schiller-University, Jena – Germany.

Grants obtained

12/2013	Obtained 150 000 Swedish Kronor (SEK) from Stina Werners Fond for genetic evaluation of vulnerability of threatened saproxylic beetles.
12/2011	Obtained 20 000 SEK from Lars Hiertas minne for molecular genotyping of insects dwelling in fragmented habitats.
11/2011	Obtained 90 000 SEK from Nilsson Ehle Stiftelsen to study landscape genetics of moths dwelling in endangered habitats.
2003 – 2004	Obtained 100 000 Kenya shillings from Egerton University Research and Extension grant to study resistance among local kale cultivars to aphid pests.

Awards

04/2010	Jena Graduate School Academy grant to support publication of PhD thesis results.
10/2006	PhD scholarship by Deutscher Akademischer Austausch Dienst (DAAD).

Hobbies

Travelling, Hiking, learning new cultures, cooking and sports.
