

## **CURRICULUM VITAE: DR. JAMLECK MUTURI JOHN**

### **PERSONAL DETAILS**

**Name:** Jamleck Muturi John  
**Marital Status:** Married  
**Present Post:** CEC: Education, Science and Technology, Embu County Government  
**Address:** P.O. Box 793-60100 Embu, Kenya  
**Tel (Mobile)** +254-0733-287234; +254-0720-369707  
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### **PERSONAL PROFILE**

I am God-fearing, a person of high integrity, proactive, conscientious, team player and committed individual with excellent interpersonal skills, resilient, high level negotiating skills and works with minimum supervision. I am usually willing to take up extra duties and responsibilities whenever a need arises.

### **EDUCATION BACKGROUND**

**2006-2011** PhD in Agricultural Entomology: Kenyatta University  
**2004-2005** Higher Diploma in Human Resource Management (HDHRM):  
Institute of Personnel Management (IPM (K))  
**2001-2004** Masters in Science in Agricultural Entomology: Kenyatta University  
**1989-1991** B.Ed. Science in Botany and Zoology: Kenyatta University,  
**1986-1987** K.A.C.E. (Advanced level): Chogoria Boys high School  
**1982-1985** K.C.S.E. (O-Level): Kamama Boys Secondary School  
**1975-1981** C.P.E. (Primary Level): Karau Primary School

## **PROFESSIONAL AND WORK EXPERIENCE**

2016 Feb-March	Participated in Linnaeus-Palme teacher exchange program in Swedish University of Agricultural Sciences (SLU), Uppsala Sweden
2015 August to date	CEC: Education Science and Technology and ICT- Embu County Government
2015 Jan- Aug 2015	CEC: Lands, Water, Environment and Natural Resources- Embu County Government
2013- 2014	CEC: Education Science and Technology and ICT- Embu County Government
2014 to date	Coordinator in Linnaeus-Palme exchange program for Swedish University of Agricultural Sciences (SLU), Sweden and Embu University College (EUC), Kenya
2013-	Lecturer Embu University College
2013 to date	Chairman Formal committee on Education (ACK Diocese of Embu)
2013 to date	Lecturer Embu University College
2012- 2013	Lecturer Kenyatta University
2011 April to date	University of Nairobi (Part-time)
2011	Meru University College of Science and Technology (Part-time)
2011 to date	Kenya Coordinator in field course for Swedish University of Agricultural Sciences (SLU) students on “Global Development, Natural Resources and Livelihoods” in Kenya
2010 to 2012	Vice-Secretary Kenya Secondary Schools Heads Association (Eastern, Branch)
2009 to 2012	Chairman Kenya Secondary Schools Heads Association (Embu East, Branch)
2008 to 2012	Principal Moi high school: Mbiruri High School (Embu)
2008 to 2012	Chairman ACK Secondary Heads Schools (ACK Diocese of Embu)
2008 to date	Member of Standing Committee of Synod (ACK)

2005 to 2008	Principal Kavutiri High Boys School (Embu)
2003 to 2005	Head of Department Huruma Girls (Nairobi)
1999 to 2001	Principal St. Josephs M'tetu Secondary School (Embu)
1996 to 1999	Deputy Principal Nguviu Boys High Secondary School (Embu)
1991 to 1996	Assistant Teacher St. Peters Kathakwa Secondary School (Embu)

## **RESPONSIBILITIES**

### **Currently**

2016 Feb-March	Participated in Linnaeus-Palme teacher exchange program in Swedish University of Agricultural Sciences (SLU), Uppsala Sweden, did lectures to MSc and Undergraduate classes, presented a poster during the Ecological Symposium in SLU.
2015 to date	CEC: Education, Science and Technology. Coordinating Education activities as outline in Schedule IV of the Constitution of Kenya 2010 and all activities of the Ministry, policy formulation, budgeting and implementation of programs
2015 to August 2015	CEC: Lands, Water, Environment and Natural Resources. Coordinating activities as outline in Schedule IV of the Constitution of Kenya 2010 and all activities of the Ministry policy formulation, budgeting and implementation of programs,
2015 to date	Chairman formal Education committee ACK diocese of Embu
2014 to date	Member of County Education Board- Embu County
2014 to date	Linnaeus Palme teacher exchange program coordinator in Kenya for Swedish University of Agricultural Science (SLU) and Embu University College (EUC). Involved in grant application, planning and coordinating the program in EUC, Kenya
2013 -2014	CEC: Education Science and Technology and ICT. Coordinating Education and ICT activities as outline in Schedule IV of the Constitution of Kenya 2010 and all activities of the Ministry policy formulation, budgeting and implementation of programs,

- 2013 Lecturing in Department of Biological Sciences. Coordinating Biological Sciences Department, Chairman Publicity and Vice Chairman Procurement.
- 2012-2013 Lecturing in Department of Zoological Sciences and Agriculture. Coordinating Science Department at Kenyatta University.
- 2011 to date Coordinating researches for Masters students from Swedish University of Agricultural Science (SLU), Kenyatta University (KU) and Embu University College (EUC) on Field Course studies in “Global Development, Natural Resources and Livelihoods”. Involved in grant application, course development, supervision and implementation of the course.
- 2008 to March 2012 Principal Moi High school Mbiruri under the Teachers Service Commission (TSC):  
Coordinating Secondary School Curriculum implementation, managing of both human and Physical resources. Charged with the responsibility of preparing guidelines, facilitating financial management, teaching and learning of the students. As Vice-Secretary Kenya Secondary School Heads Association Eastern Branch, Chairman of Kenya Secondary School Association (Embu East Branch), and Diocese of Embu Anglican Church of Kenya Secondary School Heads Chairman, I Coordinate all activities related with the management of Secondary schools in Embu, Organization and facilitation of many workshops at the Diocese and create linkage with other stakeholders.
- 2006-2011 Research student with Below Ground Biodiversity (BGBD) University of Nairobi. Responsible in planning for the bioassays, propel writing, data analysis and report presentation. Did research related with evaluating the effect of human activities in relation to organic matter decomposers in Mt Kenya and Taita, Kenya.
- 2001-2003: Research student-Kenyatta University and International Centre of Insect Physiology and Ecology (ICIPE). Responsible for planning

of bioassays, proposal writing and data analysis and Report presentations.

1995-2003: Placement coordinator with the Canadian Crossroads International. Organized and facilitated orientation of participants, Create linkage with member organizations.

### **GRANT APPLICATIONS**

2015 With partners in Swedish University of Agricultural Sciences (SLU) applied for funding for Linnaeus-Palme exchange programme for Swedish University of Agricultural Sciences (SLU) and Embu University College (EUC) involving student-student exchange and teacher-teacher exchange for the 2016-17 exchange program.

2014 With partners in Swedish University of Agricultural Sciences (SLU) applied for funding for Linnaeus-Palme exchange programme for Swedish University of Agricultural Sciences (SLU) and Embu University College (EUC). The 2015-2016 teacher exchange program was fully funded at cost of Swedish Kronor (SEK) 171 120.00

2013 With partners in Swedish University of Agricultural Sciences (SLU) applied for funding Field Course studies on “Global Development, Natural Resources and Livelihoods”. The grant was fully funded by SLU Global.

### **AWARDS**

1998 International award on Volunteerism by the Canadian Government

### **EXTRACURRICULAR RECORD**

2003 to date; Active member of Entomology Society of Kenya (ESK) and also a member of the Africa Association of Insect Scientists (AAIS)

### **OTHER PROFESSIONAL TRAINING AND SKILLS**

- 2009 School Administration: KESI Nairobi
- 2002 SPSS: Emmanex College Nairobi
- 2001 Computer literacy, Ms-word, Ms-Excel, Ms-Power Point: Kenyatta University
- 1997 Introduction to Computers: St. Cathrines College Canada

### **OTHER TRAININGS/CONFERENCES/WORKSHOPS**

- 2015 Sept** Planning for teacher exchange in Linnaeus-Palme exchange programme for Swedish University of Agricultural Sciences (SLU) and Embu University College (EUC)
- 2014 Aug-Sept:** Scholarly Capacity Building Exchange in Swedish University of Agricultural Sciences (SLU) Uppsala, Sweden
- 2010 (August)** Trained on Bee Biology and Pollination Ecology at the National Museums of Kenya
- 2010 (March)** Attended the 11<sup>th</sup> Student Conference on Conservation Science Cambridge University, Cambridge, U.K.
- 2009 (August)** Attended 12<sup>th</sup> PhD Student Nordic Conference in Estonia
- 2008 (March)** Trained on Collembola Taxonomy Stellenbosch University, South Africa
- 2004 (November)** Participated in the Kenya Agricultural Research institute (KARI) Biannual Conference
- 2004 (December)** Kenyatta University Postgraduate Seminar held between 6<sup>th</sup> and 10<sup>th</sup> December.
- 2003 (June)** Participated in the African association of Insect Scientists (AAIS) Conference: ICIPE, Kenya
- 2002** Trained on data analysis and interpretation, SAS: ICIPE, Kenya

## **RESEARCH EXPERIENCE**

Good in proposal writing, data collection (including preparation of relevant instruments, organizing laboratory and field bioassays, budget and work plans), report presentations, data cleaning and analysis.

## **PAPER PUBLISHED IN SCIENTIFIC JOURNAL**

- ❖ **Pikki K., Söderström, M., Ericksson, J., Muturi, J. J., Muthee, P.I. Wtterland, J. and Lund E.** Performance Evaluation of Proximal Sensors for Soil Assessment in Smallholder Farms in Embu County, Kenya (2016). *Sensor*. 16, 1950
- ❖ **Langerlöf J., Ayuke F., Bejai S., Jorge G., Lagerqvist E., Meijer J., Muturi J. J. and Söderlund S. (2015).** Potential side effects of biocontrol and plant-growth promoting *Bacillus amyloliquefaciens* bacteria on earthworms. *Applied Soil Ecology*. 96, 159–164
- ❖ **Muturi J.J., Mbugi J.P., Mueke J. M., Langerlöf J., Mungatu J. K. Nyamasyo G. and Gikungu M. (2010).** Effect of integrated soil fertility management interventions on the abundance and diversity of soil Collembola in Embu and Taita in Districts, Kenya. *Tropical and Subtropical Agroecosystems*. 13, 37-44
- ❖ **Muturi J.J., Mbugi J.P., Mueke J. M., Langerlöf J., Mungatu J. K. Nyamasyo G. and Gikungu M. (2009).** Collembola density and diversity along a gradient of land-use types in Embu district, Eastern Kenya. *Tropical and Subtropical Agroecosystems*. 11, 361-369
- ❖ **Muturi J.J., Mbugi J.P., Mueke J. M., Langerlöf J., Mungatu J. K. Nyamasyo G. and Gikungu M. (2009).** Collembola richness and diversity along land-use gradient in Taita, Kenya. *Tropical and Subtropical Agroecosystems*. 11, 415- 422

- ❖ **Muturi J.J., Ngi-Song A. J., Schulthess F., Mueke J. M. and Sétamou M. (2005).** Location of stemborer pupae in various host plants and implications for the performance of natural enemies with emphasis on the pupal parasitoid *Xanthopimpla stemmator* (Hymenoptera: Ichneumonidae). *International Journal of Tropical Insect Science* 25, 12-18.
- ❖ **Muturi J.J., Ngi-Song A. J., Mueke J. M., Sétamou M., Schulthess F. and Jiang N. (2006).** Multiparasitism by the pupal parasitoids, *Xanthopimpla stemmator* (Hymenoptera: Ichneumonidae) and *Pediobius furvus* (Hymenoptera: Eulophidae) on two African cereal stemborers, *Chilo partellus* (Lepidoptera: Crambidae) and *Bussoela fusca* (Lepidoptera: Noctuidae). *Journal of Biocontrol Science and Technology* 16, 49-60.

### **THESIS SUPERVISED**

- ❖ **MBA:** Influence of farmers characteristics, agricultural extension and technology specific factors on the adoption of organic farming technologies in Embu West Sub County, Embu, Kenya 2016
- ❖ **MSC:** Biological Control of Fusarium wilt on Tomatoes - Use of *Bacillus subtilis* and interactions with the earthworm *Pontoscolex corethrurus* in a Kenyan highland soil Swedish University of Agricultural Sciences (SLU) 2015
- ❖ **MSC:** Identity, Abundance and Management of banana thrips in Embu County, Kenya. University of Nairobi (UON) 2015
- ❖ **MBA:** Influence of the Youth Enterprise Development fund on youth empowerment in Imenti North District, Meru County, Kenya. University of Nairobi (UON) 2014
- ❖ **MBA:** Influence of community capacity building on performance of water resource users associations in water catchment management in Tharaka-Nithi County. University of Nairobi (UON) 2013
- ❖ **MBA:** Factors influencing discipline among police officers in Embu East district of Embu County. University of Nairobi (UON) 2011

### **THESIS BEING SUPERVISED**

- ❖ **MBA:** Influence of credit on coffee production in Karithathi farmers cooperative society in Kirinyaga County, Kenya. University of Nairobi (UON) 2015
- ❖ **PhD:** Integrated management of Tomato leaf Miner (*Tuta absoluta*) on Tomato in Kenya. (Embu University College, 2015)
- ❖ **Msc:** Effect of agroforestry and distance to Natural forest on pests control services on Kale *Brassica oleracea* L. in Embu County, Kenya. (Embu University College, 2015)
- ❖ **Msc:** Effect of agroforestry and distance to Natural forest on pests control services on sorghum in Embu County, Kenya. (Embu University College, 2015)

### **INTERESTS**

Reading motivational and Christian books, listening to Christian music, engaging in conservation activities, traveling and Nature walks.

### **LANGUAGE PROFICIENCY**

Fluent in Kiswahili and English. I can also communicate in three other local languages

### **REFEREES**

#### **Prof. Eucharika Kenya**

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National Museums of Kenya

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