

# CURRICULUM VITAE

## Personal Details

**First Name:** Kephas  
**Surname:** Mphande  
**Date of Birth:** 5<sup>th</sup> January, 1988  
**Sex:** Male  
**Nationality:** Zambian  
**N R C Number:** 312341/51/1  
**Passport:** ZN463589

## Contact Details

Iowa State University  
2213 Pammel Dr., Department of Plant Pathology and Microbiology  
1344 ATRB  
Ames, IA 50011, USA  
Email: [kephas@iastate.edu](mailto:kephas@iastate.edu)  
[kephas87@gmail.com](mailto:kephas87@gmail.com)

Mobile number: +15157350500  
+260964414959

## Academic Qualifications

	<b>PERIOD</b>	<b>INSTITUTION</b>	<b>QUALIFICATION / AWARD</b>
1	<b>2018- Present</b>	<b>Iowa State University, Ames, IA 50011, USA</b>	<b>PhD program in Plant Pathology and Sustainable Agriculture</b>
2	<b>2008 - 2013</b>	<b>The University of Zambia P.O Box 32379 Lusaka, Zambia</b>	<b>i. Bachelor of Agricultural Science (BSc.Agric) – Degree Certificate</b>
			<b>ii. Best graduating student in Crop Production – Zamseed award of excellence</b>
			<b>iii. Best graduating Student in Crop Protection – Amiran award of excellence</b>
3	<b>2004-2006</b>	<b>Mphamba Day Secondary School P.O. Box 530049</b>	<b>Full Grade Twelve School Certificate</b>

		Lundazi, Zambia	
4	2002-2003	<b>Mphamba Day Secondary School</b> P.O. Box 530049 Lundazi, Zambia	<b>Junior Secondary School Certificate</b>
5	1995-2001	<b>Fyofyo Primary School</b> Lundazi, Zambia	<b>Grade Seven Certificate</b>
6	2016	<b>University of South Africa / USAID</b>	<b>Certificate in Business and Entrepreneurship</b>

## **Employment History**

<b>ORGANISATION</b>	<b>PERIOD</b>	<b>POSITION</b>	<b>ROLE / RESPONSIBILITIES</b>
<b>Iowa State University,</b> Ames, IA 50011, USA	2018 - Present	Graduate Research Assistant	<ul style="list-style-type: none"> <li>➤ Assisting in coordination and supervision of research and teaching activities.</li> <li>➤ Conducting laboratory and field research activities.</li> </ul>
<b>Ministry of Agriculture</b> P.O. Box 910067 Limulunga District, Zambia	2013 – Present (on study leave)	District Agricultural Officer	<ul style="list-style-type: none"> <li>➤ Conducting regularly agricultural research, developing tailor made technologies and local solutions to modern agricultural challenges for local farmers.</li> <li>➤ Training agricultural staff and farmers in crop production techniques to improve their technical skills and knowledge.</li> <li>➤ Conducting regularly technical backstopping, monitoring and supervision of district and field staff in order to provide technical guidance and support.</li> <li>➤ Coordinating timely development of individual and departmental work plans and policy implementation reviews in order to monitor and evaluate agricultural performance of the district.</li> <li>➤ Training farmers and agriculture staff in farm management (farm</li> </ul>

			budgeting, farm record keeping, financial literacy).
<b>Independent Management Consultant Service Limited (IMCS)</b> Lusaka, Zambia	2011 (October - December)	Enumerator (Internship)	<ul style="list-style-type: none"> <li>➤ Enumeration of farmers in conservation farming.</li> <li>➤ Monitoring and evaluation of farmer yields, social and economic status.</li> <li>➤ Farmer trainings in financial literacy, farm business and conservation farming.</li> </ul>
<b>Conservation Farming Unit (CFU)</b> Chipata, Zambia	2010 (January- March)	Field Officer (Internship)	<ul style="list-style-type: none"> <li>➤ Facilitation of farmer trainings.</li> <li>➤ Recruiting and registration of farmers.</li> <li>➤ Designing and laying out promotional and research Demonstration plots.</li> <li>➤ Economic and social status census and evaluation.</li> </ul>
<b>Nkumbi International College of Agriculture</b> Mkushi, Zambia	2011 (June- July)	Student (Internship)	<ul style="list-style-type: none"> <li>➤ Organic vegetable production.</li> <li>➤ Livestock production routines.</li> <li>➤ Machinery operation for crop production.</li> </ul>

### **Research and Conferences**

1. MATAA, M., MPHANDE, K., & MUNYINDA, K. (2019). Interactive effects of phosphorus and water stress on plant development and yield resilience in common beans (*Phaseolus vulgaris* L.). *African Journal of Agricultural Research*, 14(22), 949-962. doi: 10.5897/ajar2019.14069
2. Optimizing Pollination of Muskmelon in Organic Mesotunnel Systems (on-going research and poster presentation at Great Plains Growers Conference, 2020 and MOSES Organic Conference, 2020)
3. Optimizing Weed Control in Organic Mesotunnel Systems (ongoing research)

### **Languages Fluent**

English, Tumbuka, Chewa, Lozi and Nyanja

### **Computer Skills**

Conversant with the following Software:

- R-Studio data analysis
- Microsoft office 2010

## **Hobbies, Interests and other Skills**

I am a creative, confident, self- motivated, dedicated and versatile person, a good team player and I apply myself relentlessly. My hobbies include listening to music, watching soccer, reading novels and social magazines, and writing short stories.

## **References**

### **Dr. Mark Gleason**

Iowa State University  
Department of Plant Pathology and Microbiology- Researcher  
1344 ATRB  
Ames, IA 50011, USA  
Email: [mgleason@iastate.edu](mailto:mgleason@iastate.edu)  
Phone: +1 515 231 4925

### **Dr. Mebelo Mataa**

University of Zambia  
School of Agricultural Sciences - Lecturer/ Researcher  
P.O. Box 32379  
Lusaka, Zambia.  
Email: [mebelomataa@yahoo.com](mailto:mebelomataa@yahoo.com)  
[mmataa@unza.zm](mailto:mmataa@unza.zm)  
Mobile number: +260 977808868

### **Dr. Kelvin Kamfwa**

University of Zambia  
School of Agricultural Sciences- Lecturer/ Researcher  
P.O. Box 32379  
Lusaka, Zambia  
Email: [kelvinkamfwa@gmail.com](mailto:kelvinkamfwa@gmail.com)  
Mobile number: +260 973602557

### **Mr. Likonge Kahilu**

Ministry of Agriculture  
Senior Agricultural Officer  
P.O Box 910067  
Limulunga, Zambia  
Email: [likongekahilu@yahoo.com](mailto:likongekahilu@yahoo.com)  
Cell: +260977966134