



# THE TECHNICAL UNIVERSITY OF KENYA

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NAME: DR PERIS W AMWAYI



|                      |  |
|----------------------|--|
| Faculty:             | Applied Sciences and Technology          |
| School:              | Biological and Life Sciences             |
| Department:          | Biochemistry and Biotechnology           |
| Current Designation: | Lecturer, BIOCHEMISTRY AND BIOTECHNOLOGY |
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## EDUCATION

| LEVEL                      | QUALIFICATION NAME | INSTITUTION                          | YEAR |
|----------------------------|--------------------|--------------------------------------|------|
| Doctor of Philosophy (PhD) | ENTOMOLOGY         | UNIVERSITY OF PRETORIA(South Africa) | 2013 |
| Masters of Science (M.Sc.) | BIOCHEMISTRY       | EGERTON UNIVERSITY (Kenya)           | 2006 |
| Bachelor of Science (BSc)  | BIOCHEMISTRY       | EGERTON UNIVERSITY(Kenya)            | 2001 |

## WORK EXPERIENCE

| PERIOD                     | INSTITUTION                                       | POSITION                        |
|----------------------------|---|---------------------------------|
| DEC 2014 - TO DATE         | TECHNICAL UNIVERSITY OF KENYA                     | LECTURER                        |
| APRIL 2004 - NOVEMBER 2005 | INTERNATIONAL LIVESTOCK RESEARCH INSTITUTE (ILRI) | GRADUATE FELLOW                 |
| DEC 2005 - DEC 2008        | DUDUTECH  | PRODUCTION/RESEARCH COORDINATOR |
| SEPT 2011 - 2014           | PWANI UNIVERSITY, KILIFI                          | LECTURER/RESEARCH SCIENTIST     |

## SELECTED PUBLICATIONS

| TITLE  | LINK TO PULICATION  |
|--|---|
| Suppression subtractive hybridization assay reveals components associated with mitochondrial biogenesis during phase shift in desert locust, | Schistocerca gregaria   |
| A comprehensive genetic analysis of candidate genes regulating response to Trypanosoma congolense infection in mice                          | PLoS Neglected Tropical diseases 4 (11):e880                        |
| Haplotype for fine mapping quantitative trait loci controlling trypanotolerance in mince   | Egerton Journal 2007  |
| Mass spectral determination of phenylacetoneitrile (PAN) levels in body tissues of adult desert locust                                       | Schistocerca gregarial Journal of Insect Phsiology 58 (8):1037-1041 |