

## Cecilia Promise Maliwichi-Nyirenda, PhD

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### **A. Educational Qualifications**

PHD in Biology, 2004-2008, University of Plymouth, School of Biological Sciences, England.

Master of Science in Biology (Maternal Health), 1999- 2003, University of Malawi, Chancellor College, Malawi

Bachelor of Science (Biology and Demography), 1990-1994, University of Malawi, Chancellor College, Malawi.

### **B. Employment Record**

February 2014 to date: Acting Director- College of Medicine, Research Support Centre

December 2011 to January 2014: Scientific Operations Manager- College of Medicine, Research Support Centre

February 2010 to December 2011: Training Coordinator - Leadership for Environment and Development Southern and Eastern Africa (LEAD-SEA), Chancellor College, Zomba, Malawi

December 1996 to February 2010: Scientific Officer - National Herbarium and Botanic Gardens of Malawi, Zomba, Malawi

April 1995 to November 1996: Project Officer, International Development Research Centre (IDRC)-funded project on medicinal plants research, National Herbarium & Botanic Gardens of Malawi, Zomba, Malawi

October 1994 to April 1995: Biology and Physical Science Teacher - Ministry of Education, Science and Technology, Blantyre, Malawi

### **C. Membership to Professional Bodies**

- Fellow: African Women in Agricultural Research & Development (AWARD) 2010 Fellowship Programme
- Fellow: The Earth Watch Fellowship Programme - European Union Awards.
- Fellow: Leadership for Environment and Development (LEAD).
- Member: Tropical Biology Association.

## D. Field of specialty.

Herbal medicine research

## E. Consultancies

1. PREVIOUS CONSULTANCIES	
<b>i</b>	Trade in wildlife medicinals in Eastern and Southern Africa
<b>Year</b>	1996 to 1998
<b>Client</b>	Trade Record Analysis for Flora and Fauna in Commerce (TRAFFIC)
<b>Main Project Features</b>	Qualitative assessment of traditional medicines traded within Malawi and abroad.
<b>Position Held</b>	<b>Lead Consultant</b>
<b>ii</b>	Priority setting with farmers in Malawi on domestication of indigenous fruits
<b>Year</b>	<b>1998</b>
<b>Client</b>	International Centre for Research in Agroforestry (ICRAF)
<b>Main Project Features</b>	<b>Documentation and priority setting of indigenous fruits</b>
<b>Position Held</b>	<b>Consultant</b>
<b>Project Name</b>	• Conservation of <i>Mondia whytei</i> , a traditional aphrodisiac in Malawi
<b>Year</b>	2003
<b>Client</b>	National Research Council of Malawi
<b>Main Project Features</b>	Documentation of knowledge, attitude and practice towards <i>Mondia Whytei</i> (gondolosi); a traditional aphrodisiac
<b>Position Held</b>	<b>Consultant</b>
<b>Project Name</b>	Training in Participatory Rural Appraisal Techniques and Gender Analysis
<b>Year</b>	2010 & 2011
<b>Client</b>	Leadership for Environment and Development (LEAD)
<b>Main Project Features</b>	Training project staff and local communities in PRA techniques and Gender analysis and Incorporating gender issues in project management plans
<b>Position Held</b>	<b>Consultant</b>
<b>Project Name</b>	Building capacity of communities in herbal gardens management and herbal remedies value addition
<b>Year</b>	2011
<b>Client</b>	World Vision International
<b>Main Project Features</b>	Documenting indigenous knowledge on traditional management of HIV/AIDS related cases, and communities in herbal garden management, and propagation of medicinal plants used in management
<b>Position Held</b>	<b>Lead Consultant</b>

## F. Publications

1. Chilanga T., Malembo L. & **Maliwichi C.P.** (1998). Indigenous fruits selected for domestication by farmers in Malawi. *In: Maghembe J., Simons A., Kwesiga F. & Rarieya M. (eds). Selecting indigenous trees for domestication in Southern Africa: Priority setting with farmers in Malawi, Tanzania, Zambia & Zimbabwe.* ICRAF, Nairobi.
2. **Maliwichi C.P. (1998).** Trade in wildlife medicinals in East and Southern Africa - Malawi Component. *In: Marshall N.T. (ed.). Searching for a cure - Conservation of traditional wildlife resources in East and Southern Africa.* Trade Record Analysis of Flora and Fauna in Commerce (TRAFFIC) International, Cambridge.
3. **Maliwichi-Nyirenda C.P. (1999)** *A study of medicinal plants used for maternal and child health diseases in Malawi: an ethnobotanical perspective.* UNESCO Man and Biosphere Young Scientists Awards Research report, UNESCO, Nairobi.
4. Henry E., Kamperewera A.M., Kasulo V., **Maliwichi-Nyirenda, C.P.**, Ng'ong'ola D.H., Gondwe S.S., Mkandawire, S.P., Dandaula H.E., Gondwe K.J. & Kamdonyo D.R.(eds.)(2002). *Initial National Communication of Malawi - in fulfilment of Malawi's commitment as a party to United Nations Framework Convention on Climate Change.* Environmental Affairs Department, Lilongwe. 97pp. ISBN 99908-26-11-0.
5. **Maliwichi-Nyirenda, C.P.** and Maliwichi, L.L. (2009). *Poverty and maternal health in Malawi.* *In: Beasley T.W. (ed.). Poverty in Africa.* New York: Nova Science Publishers, Inc. ISBN: 978-1-60741-737-8.
6. **Maliwichi-Nyirenda, C.P.** and Maliwichi, L.L. (2010). *How do village women determine foetal status and foetal pose in Malawi?* *Scientific Research and Essays Vol. 5 (9), pp. 832-836*
7. **Maliwichi-Nyirenda, C.P.**, Maliwichi, L.L. and Msosa, Y. (2010). *Indigenous knowledge; a key to unlocking Malawi's potential in achieving millennium development goal 5.* *In: African Technology Policy Studies Network, The State of Science, Technology and Innovation in Africa; Implications for Achieving the Millennium Development Goals (MDGs), Nairobi.*
8. **Maliwichi-Nyirenda, C.P.** and Maliwichi, L.L. (2010). *Medicinal plants used to induce labour and traditional techniques used in determination of onset of labour in pregnant women in Malawi: A case study of Mulanje District.* *Journal of Medicinal Plant Research. Vol. 4(24), pp. 2609-2614.*
9. **Maliwichi-Nyirenda, C.P.**, Maliwichi, L.L. (2010). *Traditional methods used in family planning and conception in Malawi: A case study of Mulanje district.* *Indilinga – african Journal Of Indigenous Knowledge S ystems Vol 9 (2) 2010, pp. 230-237*

10. **Maliwichi-Nyirenda, C.P.**, Maliwichi, L.L. and Franco, M (2011). *Medicinal uses of Berberis holstii Engl. (Berberidaceae) in Malawi, the only African endemic barberry*. Journal of Medicinal Plants Research Vol. 5(8), pp. 1367-1373.
11. **Maliwichi-Nyirenda, C.P.**, Maliwichi, L.L. and Franco, M (2011). *Germination response of threatened African medicinal barberry (Berberis holstii) under light, stratification and temperature treatments*. Journal of Medicinal Plants Research Vol. 6(1), pp. 88-93.
12. **Maliwichi-Nyirenda, C.P.** and Maliwichi, L.L. (2012). *Determination of gestation age by traditional birth attendants in rural areas of Malawi: A case study of Mulanje District*. Southern African Journal for Folklore Studies Vol. 22 (2), pp. 19-25.
13. Maliwichi-Nyirenda, C.P. and Maliwichi, L.L. (2013). *Traditional methods used in determining duration of pregnancy in Malawi*. African Journal for Physical, Health Education, Recreation and Dance (AJPHERD). Vol. 19(1), pp. 44-50.

## G. Conference presentations

Maliwichi-Nyirenda C.P. and Maliwichi L.L. **Malawi is Sitting on an Untapped Gold Mine: The Need For Mainstreaming Indigenous Knowledge In Socio-Economic Development**. Southern African Folklore Society Regional Conference, University of Venda, South Africa, 28-30 September 2011.

Maliwichi-Nyirenda C.P. **Application of Indigenous Knowledge Systems In Climate Change Adaptation And Mitigation Among Vulnerable Groups**. 2011 International Student Conference: Climate Change and Indigenous Knowledge Systems, Johannesburg, South Africa, 29 – 31 August 2011.

Maliwichi-Nyirenda C.P. and Maliwichi L.L. **Promoting Indigenous Knowledge Systems and Climate Change. The Case of Indigenous Knowledge Centre**. 2011 International Student Conference: Climate Change and Indigenous Knowledge Systems, Johannesburg, South Africa, 29 – 31 August 2011.

Maliwichi-Nyirenda C.P. **Indigenous Knowledge: a key to unlocking Malawi's potential in achieving Millennium Development Goal 5 (reducing maternal mortality)**. 2010 ATPS Annual Conference & Workshop on The State of Science, Technology and Innovation in Africa: Implications for Achieving the Millennium Development Goals (MDGs), Cairo, Egypt, 25-27th November 2010.

Maliwichi-Nyirenda C.P. **The Role of Traditional Medical Practitioners in Maternal and Child Health**. Consultative Workshop on Research, Priorities and Policy in Traditional Medicine, Mangochi, Malawi, 4-5 April 2002.

Maliwichi C.P. **Wildlife Medicinals traded Locally and Internationally in Malawi**. International Conference on Medicinal Plants in Africa, Breakwater Lodge, CapeTown, 10-13 December 1997.

Maliwichi C.P. **Medicinal Plants used by traditional birth attendants in Maternal and Child Health: A Case Study of Mulanje District, Malawi.** Traditional Medicine and Medicinal Plants Parallel Conference to Conference of Parties, Nairobi, Kenya.