**CURRICULUM VITAE**

**Personal information**

**Name and surname:** Dr. Naweji Katembo

**Contact details:** 072 415 6809

**Email address:** [katembonaweji@gmail.com](mailto:katembonaweji@gmail.com)

**ORCID:** <http://orcid.org/0000-0002-3474-0707>

**Drivers licence:** codes A & B

**Skippers licence:** code R

**Physical Address:** No. 24, Buckingham road, Kensington, Johannesburg, South Africa, 2091

**Work Experience**

**April 2019 - Present:** Agricultural Research Council – Plant Health and Protection (ARC-PHP), Roodeplaat, Pretoria, South Africa

Position**:** Researcher and Project manager (Biological control of the alien invasive plant, *Lantana camara* L. (Verbenaceae))

Some duties include:

* Develop proposals and conceptualize project execution plan
* Conduct and coordinate field and laboratory experiments
* Organize and conduct foreign explorations for the purpose of importing potential biological control agents from their native ranges into South Africa
* Publish research findings
* Postgraduate student supervision
* Involvement in other projects, i.e. biocontrol of Tithonia and Cestrum species, both serious invasive weeds in South Africa
* Ad hoc activities: Acted as Chairperson during a disciplinary hearing, member of the Bid Specification and Bid Adjudication Committee

**August 2018:** University of the Witwatersrand, Johannesburg, South Africa

Position:Guest Lecturer

Duties:

* Prepare and present a lecture for an Honours class, on the biological control of alien invasive weeds
* Class assessment through assignments and debates

**2007 - 2013:** University of the Witwatersrand, Johannesburg, South Africa

Position: Teaching assistant (Courses: Introduction to Medical Science, Fresh water Ecology, Biology)

Duties:

* Practical demonstration
* Report marking

**Involvement in other projects**

**2013 - 2017:** University of the Witwatersrand, Johannesburg, South Africa

Position: Mentor 3rd year science students

Responsibility:

* Assist 3rd year and Honours students with their research projects, involving experimental design, result analysis and report writing

**2010:** RhodesUniversity

Position: Field Assistant

Responsibility:

* Identification and mapping of an emerging aquatic weed, *Myriophyllum Spicatum* on the Vaal River, South Africa

**Research outputs**

**Peer-reviewed**

* **Katembo, N.**, Simelane, D.O., Byrne, M.J., Witkowski, E.T.F. (2022) Impact of biocontrol on the seed regenerative capacity of Lantana camara L. (sensu lato) (Verbenaceae). *Accepted in Biocontrol Science and Technology*
* Simelane, D.O., **Katembo, N.**, Mawela, K.V. (2021) Current status of Biocontrol of Lantana camara in South Africa. *African Entomology*, 29(3): 775-783. DOI: https://doi.org/10.4001/003.029.0775
* **Katembo, N.**, Witkowski, E.T.F., Simelane, D.O., Urban, J.U., Byrne, M.J. (2020)Impact of biocontrol agents on Lantana camara in an inland area of South Africa, *BioControl*, 65(2): 143-154.
* **Katembo, N.**, Witkowski, E.T.F., Byrne, M.J. (2019) Effects of Carbofuran on *Lantana camara* and its biocontrol agent, *Teleonemia scrupulosa*, *Biocontrol Science and Technology*, 29(8): 746-756.
* **Katembo, N.**, Hill, M., Byrne, M.J. (2013) Impacts of a sub-lethal dose of glyphosate on water hyacinth nutrients and its indirect effects on *Neochetina* weevils, *Biocontrol Science and Technology*, 23(12): 1412-1426.

**Non peer-reviewed**

* Byrne, M., Hill, M., Robertson, M., King, A., Jadhav, A., **Katembo, N.**, Wilson, J., Brudvig, R. and Fisher, J. (2010) Integrated Management of Water Hyacinth in South Africa: Development of an integrated management plan for water hyacinth control, combining biological control, herbicidal control and nutrient control, tailored to the climatic regions of South Africa. *WRC Project K5/1487*, Water Research Commission, Pretoria, South Africa, pp. 104.
* **Katembo, N.** 2019. The return of the lantana mirid, *Falconia intermedia*, to the mix. Plant Protection News. No.114, p. 6.

**Invitation to act as peer reviewer**

* Journal of Agriculture and Crop Research
* Journal of Agricultural and Biological Sciences
* International Journal of Environmental Science and Technology
* The Scientific Reports Journal
* NRF application for funding (Thuthuka)
* Journal of Environmental and Experimental Botany
* Neotropical Entomology Journal

**Awards**

* Teaching Assistant Prize (2009). Faculty of Science, Wits University
* Postgraduate Merit Award (2007). Wits University
* Certificate of Appreciation (2006). Special Olympics, Wits University

**Academic Qualifications**

**June 2018 Doctor of Philosophy** in Animal Plant and Environmental Sciences

**Thesis Title:** “Impact of biocontrol agents on *Lantana camara* L. (Verbenaceae) in the lowveld region of Mpumalanga, South Africa”

**University of the Witwatersrand, Johannesburg**

**June 2010** **Master of Science** in Animal Plant and Environmental Sciences

**Dissertation Title:** “Integrated pest management of alien invasive plants”

**University of the Witwatersrand, Johannesburg**

**November 2007** **Bachelor of Science - Honours** in Zoology

**Project Title:** “Impact of retardant doses of herbicide on *Eccritotarsus catarinensis*; a biocontrol agent of water hyacinth”

**University of the Witwatersrand, Johannesburg**

**May 2005** **Bachelor of Science** in Agriculture and Natural Resources

**Courses of interest:** *Environmental Science and Pollution, Introduction to Natural Resources Management, Project appraisal and Evaluation.*

**Africa University, Zimbabwe**

**Symposia and Conferences**

* Naweji Katembo, David O. Simelane, Marcus Byrne & Ed Witkowski (2021) Impact of Biocontrol on the seed regenerative capacity of *Lantana camara* in South Africa. National Symposium on Biological invasions, 5-7 May 2021, Rhodes University, South Africa.
* Katembo, N., Simelane, D.O. and Mawela, K.V. (2019) State of affairs of biological control of *lantana camara* in South Africa. Biannual Biodiversity Officer/Research Meeting 25-26th June 2019, Port Elizabeth, Eastern Cape, South Africa.
* Katembo, N., Simelane, D.O. and Mawela, K.V. (2019) Biological control of Lantana camara is South Africa. Workshop on Weed biological control in South Africa and Eswatini from 12 – 16 August 2019. CEDARA College of Agriculture, Pietermaritzburg, South Africa.
* Katembo, N., Witkowski, E.T.F., Byrne, M.J. (2012) Survey of *Lantana camara* L. (Verbenaceae) in the lowveld regions of Mpumalanga: looking at its invasion and the abundance of biocontrol agents present. 40th Symposium on Management of Invasive Alien Plants. Infruitec Research Station, Stellenbosch, South Africa.
* Katembo, N. and Byrne, M.J. (2009) Integrated control of Water hyacinth using herbicides and biological control. 16th Congress of the Entomological Society of Southern Africa. Stellenbosch, South Africa.
* Katembo, N. and Byrne, M.J. (2009) Biological control of Water hyacinth in South Africa. 37th Annual Workshop on Biological and Integrated Control of Weeds. Green Fountain Farm Resort, Port Alfred, South Africa.
* Katembo, N. and Byrne, M.J. (2008) Impact of retardant doses of herbicide on *Eccritotarsus catarinensis*; a biocontrol agent of water hyacinth. 36th Annual Workshop on Biological and Integrated Control of Weeds. Cape Town, South Africa.
* Katembo, N. and Byrne, M.J. (2007) Impact of retardant doses of herbicide on *Eccritotarsus catarinensis*; a biocontrol agent of water hyacinth (Honours Research Proposal). 35th Annual Workshop on Biological and Integrated Control of Weeds. Durban, South Africa.

**Referees**

**Dr David O. Simelane**

Research Specialist, Weed Biocontrol | Agricultural Research Council - Plant Health & Protection (ARC-PHP)

Tel: ([012) 808 8217](tel:012%20310%202638) |

Email: [simelaned@arc.agric.za](mailto:simelaned@arc.agric.za)

**Professor Solomon Newete**

Senior Researcher, Geoinformation Science | Agricultural Research Council - Institute for Soil, Climate & Water (ARC-ISCW)

Tel: ([012) 310 2638](tel:012%20310%202638) | Cell: 072 930 4747

Email: [newetes@arc.agric.za](mailto:newetes@arc.agric.za)

**Professor Marcus Byrne**

School of Animal, Plant and Environmental Sciences | Wits University

Tel: (011) 717 6491 | Cell: 072 300 9538

Email: [marcus.byrne@wits.ac.za](mailto:marcus.byrne@wits.ac.za)

**Professor Ed Witkowski**

School of Animal, Plant and Environmental Sciences | Wits University

Tel: (011) 717 6428

Email: [Ed.witkowski@wits.ac.za](mailto:Ed.witkowski@wits.ac.za)