

CURRICULUM VITAE

1. **Family name:** Lulijwa
2. **First name:** Ronald
3. **Date of birth:** 15/08/1980
4. **Nationality:** Ugandan
5. **Civil Status:** Living with Partner
6. **Email:** rlulijwa@gmail.com or rlulijwa@yahoo.com

7. Education (most recent first):

| Institution (date from - to) | Degree(s) or Diploma(s) and Certificates obtained: |
|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| University of Sydney and University of Nairobi (17 th October to 18 th November 2016) | Short Course on Increasing the Development Impact of Agricultural Research |
| Ghent University Belgium (Sept 2008 to Sept 2010) | Master of Science in Aquaculture |
| Freshwater Aquaculture Center, Central Luzon State University, The Philippines (2 nd Sept 2009 to 11 th Oct 2009) | Internship Certificate of completion in Freshwater Aquaculture |
| Makerere University Kampala (Sept 2001 to Sept 2004) | Bachelor of Science in Fisheries and Aquaculture |

8. Language Skills: Indicate competence on a scale of 1 to 5 (1 excellent - 5 basic)

| Language | Reading | Speaking | Writing |
|----------------|---------|----------|---------|
| English | 1 | 1 | 1 |
| Luganda/Lusoga | 1 | 1 | 1 |
| Swahili | 1 | 3 | 3 |
| Dutch | 5 | 5 | 5 |

9. Membership of professional bodies:

I am a fully registered member for a number of international organisations, such as GFRAS, the Sustainable Aquaculture Research Networks in Sub-Saharan Africa (SARNISSA), the Network of Aquaculture Centres in Asia (NACA) and Aquaculture Network for Africa (ANAF).

10. Other skills:

Great competence in common Microsoft office packages, analytical statistical packages like Minitab, Gen stat, S-plus and SPSS, internet browsing, scientific and research proposal writing including scientific publication among others

11. Present position:

Aquaculture Scientist, National Agricultural Research Organisation (NARO), Rwebitaba Zonal Agricultural Research and Development Institute (Rwebitaba-ZARDI), P. O. Box, Fort Portal, Uganda

12. Years within the firm:

Two years at NARO-Rwebitaba-ZARDI

13. Key qualifications/skills:

- Twenty four months of practical experience on Nile tilapia stock improvement for adoption to the Rwenzori region (Rwebitaba-ZARDI), including field surveys on physico-chemical and socio-economic factors affecting aquaculture production in the Rwenzori region
- One year of proven experience of Nile tilapia pond production using rural agro by-products; including extension follow-up and farm design and construction in Pallisa district Uganda.
- Twenty four months of lecturing Fisheries and Aquaculture courses at the University of Rwanda, College of Animal Science and Veterinary Medicine, Department of Wildlife and Aquatic Resources Management in Rwanda.
- Three months practical experience in the Vietnamese aquaculture industry with emphasis on *Artemia* pond production, application and use in aquaculture. Thesis research on the production of bacterial bioflocs as food to enhance *Artemia* pond production.
- One year practical experience of the BTC funded feasibility study on *Artemia* pond production as a means of enhancing aquaculture production in Uganda.
- Practical experience in freshwater seed production and breeding technologies in the Philippines.

14. Research Interests:

- Captive breeding and larviculture of new aquaculture species
- Aquaculture nutrition and alternative protein resources for aquaculture feed
- Fish physiology
- Aquatic ecology
- Water quality monitoring and environmental toxicology
- Sustainable aquaculture development.

15. Specific experience around the world (most recent first)

| Country | Date from - Date to |
|---------------------|-----------------------------------------------------------------|
| Uganda | March 2015 to Date |
| Rwanda | November 2012 to December 2014 |
| Uganda | July 2011 to July 2012 |
| Vietnam | March 18 th to March 21 st 2012 |
| Vietnam | March 1 st to May 30 th 2010 |
| Philippines | September 2 nd 2009 to October 11 th 2009 |
| Republic of Ireland | April 2009 |

16. Professional experience record (most recent experience)

| Date from - Date to | Location | Company | Position | Description |
|----------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 05/03/ 2015 to Date | Fort Portal Uganda | National Agricultural Research Organisation (NARO), Rwebitaba Zonal Agricultural Research and Development Institute (Rwebitaba-ZARDI), P. O. Box, Fort Portal, Uganda | Research Officer Aquaculture | Implement fish breeding and purification, develop and characterize fish strains, develop or adopt and document technologies for propagation of new species, document traits and attributes of fish breeds, design, implement and document guidelines for fish farmers in improved brood stock management. |
| 01/11/2012 to 30/11/ 2014 | Nyagatare Rwanda | University of Rwanda, Nyagatare Campus, P. O. Box 57, Nyagatare, Rwanda | Assistant Lecturer | Teaching and research (Aquaculture and Fisheries) |
| 24/07/ 2011 to 24/07/ 2012 | Kanginima, Palisa District | Lodoi Development Cooperative | Part time Project technical supervisor | Lead personnel in pond construction and management, training in fish handling and farming, culture techniques, feeding, fish harvesting and marketing |
| 01/02/ 2011 to 01/02/2012 | Fort Portal Uganda | Mountain of the Moon University , P. Box 837, Fort Portal, Uganda | Project technical supervisor | Feasibility Study for Artemia Production in Saline Lakes in Western Uganda as a Means of Enhancing Aquaculture Production |
| 16/09/2008 to 23/09/2010 | Ghent Belgium | Ghent University Belgium, Rozie 44, 900 Ghent Belgium | Student MSc. Aquaculture | Followed Lectures, Laboratory and Field Excursions in aquaculture |
| 12/2007 to 09/2008 | Kampala Uganda | Uganda Oilseed Sub-sector platform (OSSUP) | Research Assistant | Field data collection in the northern and eastern parts of Uganda |

16. List of publications

- Lulijwa, R., Tuyizere, R and Kagina, T. (2016). Prevalence of metazoan parasites in Nile tilapia (*Oreochromis niloticus*) raised in a community irrigation dam and a private farm in the eastern province, Rwanda. In preparation. Sole (100%), paper submitted to the Rwanda Journal.
- Lulijwa, R., Mwesigwa, R., Mununuzi, D and Kajobe, R. (2016). Status of aquaculture production and its contribution to socio-economic development in the Western Highland Agro-ecological Zone (WHZ). Multi author (50%). Paper submitted for publication.
- Lulijwa, R, Kajobe, R and Mununuzi, D. (2016). A Review of the Diversity of Aquatic Organisms of Food Importance in Rice-based Ecosystems, Opportunities for Uganda. In K. G. Sanjay and K. B. Pawan (Eds.), *Sustainable Aquaculture Management*, (pp. 35-52), New Delhi, India: Discovery Publishing House Pvt. Ltd.
- Ronald, L., Van Stappen, G., Van Hoa, N., & Sorgeloos, P. (2014). Effect of carbon/nitrogen ratio manipulation in feed supplements on Artemia production and water quality in solar salt ponds in the Mekong Delta, Vietnam. *Aquaculture Research*, 45(12), 1906-1912.
- Lulijwa, R. (2012). The Fish Export Trade and Food Security. Implications for the Fishing Communities of Masese and Wanyange Fish Landing Beaches on Lake Victoria, Jinja (Uganda). Lap Lambert Academic Publishers, ISBN: 978-365-919231-9.
- Lulijwa, R, Van Stappen G, Semana. A and Sorgeloos. P. (undated). Performance of *Artemia* at different salinities of lake waters of Bunyampaka and Katwe, Western Uganda.

17. List of Referees

1. Prof. Dr. Gilbert Van Stappen
 Professor, Laboratory of Aquaculture & Artemia Reference Center (ARC)
 Faculty of Bioscience Engineering, Department of Animal Production,
 Rozier 44, B-9000 Gent Belgium
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2. Dr. Robert Kajobe
 Director, Rwebitaba Zonal Agricultural Research and Development Institute (Rwebitaba-ZARDI)
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 Mob Tel: +256772590482
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3. Dr. Mary Nakabungo Kaggwa
 Lecturer and Head of Department Wildlife and Aquatic Resources Management,
 College of Agriculture and Veterinary Medicine (CAVM). University of Rwanda,
 Nyagatare Campus
 P. O. Box 57, Nyagatare, Rwanda
 Mob Tel: +250789529650
 Email: mary.kaggwa@yahoo.com

18. Other relevant information:**Seminars, lectures so far attended**

- February 15th to February 16th February 2017, Environmental Research and Scientific Conference, LVBCON 2017, Mwanza, Tanzania
- November 21st November to 24th November 2016, Speke Resort Munyonyo, Kampala: NARO-MAK Joint Agricultural Dissemination Conference.
- March 18th to March 21st 2012, CanTho University Vietnam: Artemia pond production: helping to solve the challenges of aquaculture in the 21st century
- December 9th 2011, Hotel Triangle, Buganda Road, Kampala: National Stakeholder Consultative Meeting on draft code of practice for aquaculture quality and safety assurance value chain

Scholarships received

- New Zealand Development Scholarship 2017
- Australia Awards in Africa, short course on "Increasing the development Impact of Agricultural Research, Nairobi Kenya, University of Sydney and University of Nairobi, 2016
- VLIR-UOS scholarship for Master of Science in Aquaculture at Ghent University Belgium, 2008 to 2010