

Dr. Godfrey Kawooya Kubiriza
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Courses taught (Undergraduate and Postgraduate Graduate)

Undergraduate	Post graduate
BFA 3101: Fisheries and Aquaculture Extension	ZFA 7212: Biostatistics
BFA 3109: Aquaculture Engineering	ZFA 7203: Fish Nutrition and Feed Technology
BFA 3201: Captive Management of Freshwater Fishes	ZFA7205: Aquaculture production systems
BFA 3205: Feed formulation and analysis	
BFA 3207: Fish breeding and Applied Endocrinology	

a) Refereed Journal articles:

- Godfrey Kawooya Kubiriza**, Akol, M.A., Árnason, J., Sigurgeirsson, Ó., Snorrason, S., Tómasson, T., Thorarensen, H., 2017. Practical feeds for juvenile Nile tilapia (*Oreochromis niloticus*) prepared by replacing Rastrineobola argentea fishmeal with freshwater shrimp (*Caridina nilotica*) and mung bean (*Vigna radiata*) meals. *Aquaculture Nutrition* 2017; 00:1–8. doi: 10.1111/anu.12537.
- Godfrey Kawooya Kubiriza**, Jón Árnason, Ólafur Sigurgeirsson, Patricia Hamaguchi, Sigurdur Snorrason, Tumi Tómasson, Helgi Thorarensen, 2017. Dietary lipid oxidation tolerance of juvenile Arctic charr (*Salvelinus alpinus*) and Nile tilapia (*Oreochromis niloticus*). *Aquaculture*, online: <http://www.sciencedirect.com/science/article/pii/S004484861630179X>; doi:10.1016/j.aquaculture.2016.04.006.
- Thorarensen, H., **Kubiriza, G.K.**, Imsland, A.K., 2015. Experimental design and statistical analyses of fish growth studies. *Aquaculture* 448,483–490. doi:10.1016/j.aquaculture.2015.05.018.
- Kefi, A. S., Chimba, N., Kancheya, C., Mumba, D. C., & **Kubiriza, K. G.**, 2011. Some aspects of reproductive Biology of *Oreochromis andersonii* (Castelnau, 1869), *Oreochromis macrochir* (Boulenger, 1912) and *Oreochromis niloticus* (Linnaeus, 1758). *Malawi Journal of Aquaculture and Fisheries*, 1(2), 32-37.
- Kubiriza, K. G.**, Madsen, H., Likongwe, S. J., Stauffer, J. Jr., Kang’ombe, J. & Kapute, F., 2010. Effect of temperature on growth, survival and reproduction of *Bulinus nyassanus* (Smith, 1877) (Mollusca: Gastropoda) from Lake Mala i. *African Zoology* 45(2): 315–320.
- Kubiriza, K. G.**, Imsland, K. A., & Thorarensen, H. (2010). Statistical power analysis in fish growth studies. United Nations University-Fisheries Training Programme, Reykjavik, UNU-Fisheries Training Programme. Online: [www.unuftp.is](http://www.unuftp.is/static/fellows/document/godfrey09prf.pdf).
- Kubiriza K. G.**, Jón Árnason, Ólafur Sigurgeirsson, Patricia Hamaguchi, Sigurdur Snorrason, Tumi Tómasson, Helgi Thorarensen. Efficacy of natural antioxidants in stabilizing lipid oxidation and their effects on growth and antioxidant enzymes in Arctic charr. (Under review, *Aquaculture International*).

a) Contributions to symposia and conferences

Oral presentation: **G. K. Kubiriza**, S.P.Sserwambala, M.Ssebisubi, O.Sigurgeirsson, T. Tomasson, H.Thorarensen. Adopting to the changing world; Challenges and opportunities. IIFET, Seattle-Washington, 2018. Harnessing the comparative production economics of ponds and cages for improved aquaculture sector in Uganda.

Oral presentation: **Kubiriza K.G.**, Arnason J., Sigurgeirsson, Ó., Hamaguchi P., Snorrason S., Tómasson T., & Thorarensen H. World Sea Food Congress, Reykjavík, Iceland, 2017. Rosemary (*Rosmarinus officinalis*) oil promotes growth and antioxidant enzyme activity of juvenile Arctic charr (*Salvelinus alpinus*) compared to ethoxyquin and bladderwrack (*Fucus vesiculosus*) powder.

Oral presentation: **Kubiriza K.G.**, Arnason J., Sigurgeirsson, Ó., Odong R., Snorrason S., Tómasson T., & Thorarensen H. World Aquaculture Conference and Exposition, Cape Town South Africa, 2017. Alternative protein sources to replace *Rastrineobola argentea* fishmeal from aquafeeds in Eastern Africa.

Oral presentation: Thorarensen H., **Kubiriza G. K.**, Imsland, K. A. World Aquaculture Society Meeting, 2016. Experimental design and statistical power of fish growth studies. Las Vegas, Nevada, USA. <https://www.was.org/meetings>ShowAbstract.aspx?Id=42356>.

Poster presentation: **Kubiriza K.G.**, Arnason J., Sigurgeirsson Ó., Hamaguchi P., Snorrason S., Tómasson T., & Thorarensen H. Aquaculture, Cutting Edge Science in Aquaculture. Le Corum Palais des Congrès, Esplanade Charles De Gaulle, 34000 Montpellier, France; 23-26 August, 2015. Dietary lipid oxidation affects the growth of Arctic charr (*Salvelinus alpinus*) and Nile tilapia (*Oreochromis niloticus*) differently.

Oral presentation: Thorarensen H., **Kubiriza G. K.**, Imsland, K. A. Aquaculture, Cutting Edge Science in Aquaculture. Le Corum Palais des Congrès, Esplanade Charles De Gaulle, 34000 Montpellier, France; 23-26 August, 2015. Experimental design and statistical power of fish growth studies. Las Vegas, Nevada, USA.

Oral presentation: **Kubiriza K.G.**, Arnason J., Sigurgeirsson, Ó., Hamaguchi P., Snorrason S., Tómasson T., & Thorarensen H. Swedish International Development Cooperation Agency (SIDA), annual review Symposium, 2014. Dietary lipid oxidation: effects on fish and use of alternative raw materials. Makerere University, Kampala, Uganda.

Poster presentation: **Kubiriza K. G.**, Imsland A., & Thorarensen H. Fraedathing landbunadarins, 2010. Analysis of statistical power in aquaculture growth studies. Hotel Soga, Reykjavik, Iceland.

Poster presentation: **Kubiriza, K. G.**, Madsen, H., Likongwe, S. J., Stauffer Jr, R. J., Kang'ombe, J. & Kapute, F. RUFORUM-biennial meeting,. RUFORUM working Document No.2, PP259-261, 2007. The effect of temperature on survival, growth and reproductive biology of the medically important freshwater snail species, *Bulinus nyassanus* (Smith, 1877) (Mollusca: Gastropoda) from Lake Malawi. Mangochi, Malawi.

Oral presentation: **Kubiriza, K. G.** Bunda College, Aquaculture and Fisheries Science Department annual symposium, 2005. Safety of Aquaculture food products in Eastern Africa. Lilongwe, Malawi.

b) Consultancies and technical assignments undertaken

Kubiriza, G. K., Odong, R., and Masette M. (2017). Market survey for the floating fish feeds within the East Africa region, including Uganda, Kenya and Rwanda. On-going matching grant study partially funded by the World Bank, through Private Sector Foundation Uganda, (PSFU).

Kubiriza, G. K., Odong, R., Masette M., and Ssempejja D. (2017). Development of commercially viable feeds and feed production standard operating procedures for up-coming Nakabaale fish farm and feed meal, Wakiso. On-going matching grant project, partially funded by the World Bank, through Private Sector Foundation Uganda, (PSFU).

Kubiriza, G. K., Odong, R., Kisakye, J. J. M., and Basuta, G.I. (2016). Saving Lake Victoria ecosystem and catchment through widening knowledge base amongst riparian communities. The concept and implementation guidelines for practices to save Lake Victoria through primary and secondary schools in the riparian districts. Department of Zoology, Entomology and Fisheries Sciences, Makerere University, Kampala.

Kubiriza K. G., Alupo N., Iwadra M., & Ssebisubi M. (2014). Integrated Aquaculture-Irrigated Agriculture (IAIA) for sustainable and profitable crop yields. A hand-out for farmers and

- extension personnel. Makerere University Kampala/University College, KU Leuven Association, Austria.
- Kamoga, D., **Kubiriza, K. G.**, & Wasswa S. (2013). Eco-toxicological studies of Dura limestone mining area in Queen Elizabeth National Park, Kamwenge District.
- Isyagi,N., Ssebisubi, M., **Kubiriza, K. G.**,& Mbulameri, E. (2011). Evaluating the Performance of UGACHICK Poultry Breeders, Floating Fish Feeds in different agricultural Zones of Uganda. Aquaculture Management Consultants Limited, Plot 2D, Nakasero Hill Road, P. O. Box 71152, Kampala.
- Isyagi N., Ssebisubi M., **Kubiriza K. G.**, & Owori-Wadunde A. (2011). How to use Ugachick floating fish feeds in grow-out fish ponds. A training handout for fish farmers and Extension personel. Ugachick poultry breeders Ltd/USAID.
- Isyagi,N., Ssebisubi, M., Aliguma, L., **Kubiriza, K. G.**, Mbulameri, E., Walakira, J., & Gertrude Atukunda, G (2010). Sustainable Commercial Aquaculture for Poverty Alleviation (SCAPA) Fish Market Study with: Aquaculture Management Consultants Limited, Plot 2D, Nakasero Hill Road, P. O. Box 71152, Kampala.
- Aliguma, L., Isyagi, N., Ssebisubi, M., Atukunda, G., Walakira, J. & **Kawooya, K. G.** (2009). Assessment of National Aquaculture Policies and Programmes in Uganda. SARNISSA. Pp 77. African aquaculture Policy Reviews. A case of Uganda.(SARNISSA) <http://www.sarnissa.org/tikiindex.php?page=Latest%20material%20for%20Aquaculture%20Compendium>.
- Magdon Jayasuriya, A. H., Kamoga, D., **Kubiriza, K. G.**, & Kisakye, J. J (2009). Biodiversity of the Mpanga river gorge and its environment within the Mpanga small Hydropower project area. Mpanga Small Hydropower Project Uganda. EML Consultants Ltd; 68, Davidson Road Colombo 4, Sri Lanka. www.emlconsultants.com.

Community outreach and involvement

I am a member of the Rotary club of Mukono since 2015 where I have been assigned different responsibilities. 2016/2017: I served as Vice president while in 2017/2018 I have served as a club secretary, and in 2018/2019 I am serving as club trainer. Through this club, with international outlook, I serve humanity to improve maternal and child health, reducing hunger and poverty as well as solving conflicts.