

CURRICULUM VITAE
GLADYS KALEMA-ZIKUSOKA

Conservation Through Public Health & Gorilla Conservation Coffee
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PERSONAL INFORMATION

Citizenship: Ugandan; **Country of Origin:** Uganda; **Date of Birth:** 8 January 1970; **Marital Status:** Married

EDUCATION

University of Milan and Tangaza University College, 2015-2016

MBA in Global Business and Sustainability – Social Entrepreneurship Track Nairobi, Kenya

INSEAD Business School, 2011

INSEAD Social Entrepreneurship Program (ISEP)

Certificate in Social Entrepreneurship, November 2011 Fontainbleu, France

Duke University, 2002-2003

Department of Continuing Education

Certificate in Non-Profit Management, May 2003 North Carolina, USA

North Carolina State University & North Carolina Zoological Park, 2000-2003

College of Veterinary Medicine & Hanes Veterinary Medical Center

Master in Specialized Veterinary Medicine (MsPVM) & Residency in Zoological Medicine USA

Royal Veterinary College, University of London, 1990-1995

Bachelor of Veterinary Medicine (BVetMed)

Member of the Royal College of Veterinary Surgeons (MRCVS) England, UK

WORK EXPERIENCE

Conservation Through Public Health

Uganda, USA

1/03-Present

Founder and Chief Executive Officer

Overseeing strategic planning, administration, program and fundraising activities in setting up and growing a non-governmental, non-profit organization, based in Uganda, with a team of 15 staff, which has raised over USD\$3,000,000 since inception in 2003 conducting three integrated programs:- wildlife health and conservation, community health and sustainable alternative livelihoods through health service delivery, conservation education, community outreach, research and advocacy.

North Carolina Zoological Park

North Carolina, USA

7/00-6/03

Zoological Medicine Resident

Performed clinical duties for the North Carolina Zoological Park under the supervision of chief and associate veterinarians

Uganda Wildlife Authority

Uganda

1/96-6/00

Veterinary officer

Set up a veterinary unit, as a new post since the 1960s, to provide veterinary care for animals in national parks, game and forest reserves, animal sanctuaries and controlled hunting areas. Started from scratch with very limited funding, and through fund-raising developed a veterinary unit that is functional and is growing to meet the needs of Uganda Wildlife Authority. Main responsibilities included (a) endangered species support, disease surveillance and research support to meet welfare needs of the wild animals (b) reinforcing wild animal populations by translocations and reintroductions to restock protected areas and establish healthy ecosystems (c) problem animal control to improve relations between the local community and protected areas as part of community conservation efforts.

PIONEERING ACHIEVEMENTS

Social Entrepreneurship: founded Conservation Through Public Health NGO, and Gorilla Conservation Coffee and Gorilla Conservation Camp for-profit social enterprises to provide sustainable financing for conservation

Veterinary field work: pioneered translocations of elephants and giraffes in Uganda; dealt with new disease conditions in mountain gorillas (scabies and rectal prolapse) and giraffes (filariosis).

Policy and planning: initiated and coordinated workshops to develop the first wildlife veterinary policy with standard operating procedures for Uganda. Co-ordinated the first regional mountain gorilla disease outbreak contingency planning workshop and an international chimpanzee health workshop in Kibale National Park. Provided veterinary input in translocation and reintroductions and problem animal control workshops in Uganda. Raised funds and co-ordinated a Strategic Planning and Stakeholders Consultation Workshop to establish Conservation Through Public Health.

Education: carried out the first joint health and conservation education programmes with local communities in Uganda, bordering Bwindi Impenetrable National Park, on risks and prevention of human and gorilla disease transmission, designed brochures in English and Rukija (the local language) illustrating this.

Training: held the first formal health and ecological monitoring training workshops in Uganda with rangers of Bwindi Impenetrable and Mgahinga National Parks. Started training of veterinary support staff including rangers to be able to do veterinary monitoring of wild animals in the protected areas, and to capture, translocate and release wild animals in the protected areas.

Secondary school project: revived Kibuli Secondary School Wildlife Clubs as Chairperson, set up bird feeding tables, debating seminars and took students to Queen Elizabeth National Park.

RESEARCH EXPERIENCE

Primary researcher and team leader: During a Master in Specialized Veterinary Medicine at North Carolina State University/North Carolina Zoological Park I conducted Tuberculosis survey at the human/wildlife/livestock interface in Queen Elizabeth and Bwindi Impenetrable National Parks

Primary researcher: During a Bachelor's degree in Veterinary Medicine at the Royal Veterinary College, University of London, I conducted a Survey of intestinal parasites and bacteria of mountain gorillas in Bwindi Impenetrable national park, Uganda, comparing tourist and non-tourist-habituated gorillas and Survey of intestinal helminth parasites of wild chimpanzees in Budongo forest, Uganda

Part of a research team: After a competitive process I was chosen among ten students to be part of the Undergraduate Research Team investigating the prevalence of Chagas' disease in Trinidad, the West Indies

Leading research teams: Overseeing and directing integrated conservation and public health research at Conservation Through Public Health (CTPH) including zoonotic diseases, alternative energy sources, and integrated population, health and environment (PHE) models.

TEACHING AND MENTORING

Zoological Medicine Residency: During Zoological Medicine Rounds, Avian and Herpetile Rounds and House Officer Seminar at North Carolina State University I gave many presentations and literature reviews for a varied audience of residents, faculty, graduate students and veterinary students.

Independent TB Research project in Uganda: Mentored and taught veterinarians, veterinary technicians and rangers in wildlife immobilization, TB laboratory work and conducting of verbal questionnaires to assess people's behaviour and attitudes towards TB. These include Ugandan veterinarians from Chimpanzee Sanctuary and Wildlife Conservation Trust, small animal veterinarians from Australia, veterinary technicians from Government Veterinary Service and rangers from Queen Elizabeth and Bwindi Impenetrable National Parks.

AWARDS

- Six Sciences Certificate of Merit for best Sciences student at A-level in Kibuli Secondary School, Kampala, Uganda – 1989
- Forum for African Women's Educationalists "Models of Excellence," promoting education of the girl-child in Uganda by establishing a role model mentorship program – 1999
- Primate Conservationist of the month for July 1999 - by Primates Online website
- Rotaract Club of Makindye (Uganda) annual vocational award for 1999/2000 in recognition of my work of protecting wildlife
- Ashoka Fellow in September 2006 based on my vision of linking Uganda's wildlife management and rural public health programs to create resources for both people and animals

- Recognition of Excellence for outstanding contribution to the promotion of tourism and empowerment of women in Uganda on World Tourism Day, September 2007
- Seed Magazine Revolutionary Mind for Science, September 2007
- San Diego Zoo Conservation Medal Award, Category – Conservation in Action, May 2008
- British Council Outstanding Young Alumni Award, June 2008
- Chosen among nine international environmental leaders to write a letter to the next US President in Sierra Club Magazine, November/December 2008 issue
- Whitley Gold Award for outstanding leadership in grassroots nature conservation, May 2009
- World Economic Forum, Young Global Leaders, March 2010
- King's College Budo, Medal of Achievement 2009, March 2010
- Conde Nast Traveler Magazine Runners Up Environmental Award, November 2010
- Wings World Quest Women of Discovery Humanitarian Award, April 2011
- 2012 Global Development Network Japanese Most Innovative Development Project Award, June 2013
- CEO Communications Africa's Most Influential Women in Business and Government 2014 Award in Medicine and Veterinary category, August 2014
- E4 Impact Kenya MBA Business Idea Competition Award, winner in Health Category, 3rd Prize, June 2015
- E4 Impact Kenya MBA Business Plan Competition Award, winner in Education and Training Category, 4th Prize overall, September 2016
- World Wildlife Day Award from the Ministry of Tourism, Wildlife and Antiquities (MTWA) for outstanding contribution to conservation in Uganda, March 2017
- Golden Jubilee Award from the President of Uganda for distinguished service to the nation as a veterinarian and conservationist on International Women's Day, March 2017
- SAG-SEED Award for eco inclusive enterprises to Gorilla Conservation Coffee, September 2017, <https://www.seed.uno/news/article/3089-meet-the-2017-seed-award-winners.html>

TELEVISION DOCUMENTARIES: Subject and adviser

- “Gladys the African Vet” on BBC 1 Animal People series, UK, 15 October 1997 and MNet, S. Africa, 1998
- “Wildlife Guardian” on National Geographic Explorer, TBS television channel, USA, 30 November 1997.
- “Take a walk on the wild side” on “Eye on Uganda” produced by Victoria Wilson Darrah, Uganda Television (UTV), 27 April 1998.
- “Saving Uganda's Wildlife” on Animal Planet Safari Special series, USA, February – March 2001.
- “Uganda: Out of the Wild” on PBS Frontline World, USA, November 2009.
- “Gorillas In Our Midst: The story of Gladys Kalema” on CCTV Faces of Africa series, China, February 2013.
- “CNN African Voices” Dr. Gladys Kalema-Zikusoka interview with Zain Verjee, April 2014
- “The Conversation” on BBC World Service, between Dr. Gladys Kalema-Zikusoka and Dr. Nalinika Obeyesekere, moderated by Kim Chakanesta, June 2016
- “Gorilla Conservation” Ecozone, Urban TV, Uganda, featuring the work of CTPH, August 2016
- “30 minutes with Edmond Safali” featuring my work as the 1st Wildlife Veterinarian in Uganda, January 2017
- “Conserve our Heritage”, UBC TV, interview with Geoffrey Karamaji, March 2017
- “Women role models”, UBC TV interview with Carol, April 2017
- “People and Power” NBS TV, interview with Mabel Twegumye Zaake, April 2017

RADIO INTERVIEWS

- “Straight Talk” show for teenagers on Capital Radio, Uganda on my career, in August 1999
- “Desert Island Discs” show for adults on Capital Radio, Uganda, on my work, in November 1999.
- “Outlook Programme” on BBC World Service Radio, interview on my work with the mountain gorillas on 15 May 2000.
- “Excess Baggage” on BBC Radio 4, Corfu and Wildlife in Uganda and Thailand, interview together with another Whitley Award Winner by John McCarthy on my work with the mountain gorillas with a focus on ecotourism, on 16 May 2009.
- ABC National Radio in Australia, focus on wildlife conservation, ecotourism, livelihoods and public health linkages, April 2010.
- YWNC in New York, focus on wildlife conservation, ecotourism, livelihoods and public health, April 2011.
- BBC (2011, 2013); Ohio University WOUB NPR Public Media (2013)
- BBC World Service, The Conversation, June 2016

PUBLICATIONS

Kalema G. 1994. Letter entitled "Veterinarians and Zoological Medicine" to the Veterinary Record, raising My concern for trained wildlife veterinarians in developing countries like Uganda. *The Veterinary Record*, **135** (1).

Nizeyi J. B., Mwebe R, Nanteza A, Cranfield M.R, **Kalema G.R.N.N.**, Graczyk T. 1999. Cryptosporidium sp. and Giardia sp. Infections in mountain gorillas (*Gorilla gorilla beringei*) of the Bwindi Impenetrable National Park, Uganda. *Journal Parasitology* **85** (7). American Society of Parasitologists.

Kalema G. 1998. Birth of a Mountain Gorilla in Bwindi Witnessed by Tourists. *The Link - Managing Protected Areas with Communities. A newsletter of the Uganda Wildlife Authority Community Conservation Department*. **2**(2).

Kalema G. 1999. Mountain Gorilla Veterinary Interventions - Conservation Vs Welfare? *Gorilla Conservation News*, No. 13 May 1999.

Nizeye J. B., Innocent R. B., Erume J, **Kalema G. R. N. N.**, Cranfield M. R. and Graczyk T. K. 2001. Campylobacteriosis, Salmonellosis, and Shigellosis in free-ranging human-habituated mountain gorillas in Uganda. *Journal of Wildlife Diseases* **37**(2): 239-244.

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Kalema-Zikusoka G. 2002. Ugandan Wildlife Trade Stopped Dead in Its Tracks. *International Primate Protection League Newsletter*. December 2002.

Kalema-Zikusoka G, Kock R. A. , Macfie E. J. 2002. Scabies in free-ranging mountain gorillas (*Gorilla beringei beringei*) in Bwindi Impenetrable National Park, Uganda. *Veterinary Record* **150** (1):12-5.

Kalema-Zikusoka G and Lowenstine L. 2001. Rectal prolapse in a free-ranging mountain gorilla (*Gorilla beringei beringei*): clinical presentation and surgical management. *Journal of Zoo and Wildlife Medicine* **32** (4):509-513.

Munn J. and **Kalema G.** Death of a chimpanzee in a trap in Kasokwa Forest Reserve Uganda. *African Primates journal/newsletter* (1999-2000), Vol 4 (1&2): 58-62

Kalema-Zikusoka G, Horne W. A., Levine J. and Loomis M. R. 2003. Comparison of the cardiopulmonary effects of medetomidine-butorphanol-ketamine and medetomidine-butorphanol- midazolam in patas monkeys (*Erythrocebus patas*). *Journal of Zoo and Wildlife Medicine* **34**(1):47-52.

Kalema-Zikusoka, G., B Wolfe, M. Cesta, and D. Rotstein. 2003. Management of Multiple Intra-Hepatic biliary Cysts in a Desert Rosy Boa, *Lichanura trivirgata gracia*. *Journal of Herpetological Medicine and Surgery*. **13**: 20-22.

Kalema-Zikusoka G, Rothman JM, Fox MT. 2005. Intestinal parasites and bacteria of mountain gorillas (*Gorilla beringei beringei*) in Bwindi Impenetrable National Park, Uganda. *Primates* **46**:59-63.

Gladys Kalema-Zikusoka. 2004. Protected Areas, Human Livelihoods and Healthy Animals, Ideas for Integrated Conservation and development Interventions In: IUCN World Parks Congress AHEAD workshop proceedings

Steven. O. Osofsky, Richard A. Kock, Michael D. Kock, **Gladys Kalema-Zikusoka**, Richard Grahn, Tim Leyland, William. B. Karesh. 2005. Building support for Protected Ares using a One Health perspective In: Friends for Life, New partners in support of protected areas. Edited by Jeff McNeily. Published by IUCN, Species Survival Commission.

Kalema-Zikusoka G, Bengis R, G., A. L. Michel and M. H. Woodford. 2005. A preliminary investigation of tuberculosis and other diseases in African buffalo (*Syncerus caffer*) in Queen Elizabeth National Park, Uganda. *Onderstepoort Journal of Veterinary Research*, **72**:145-151.

Jessica M. Rothman, Dwight G. Bowman, **Gladys Kalema-Zikusoka**, and John Bosco Nkurunungi. 2006. Parasites of the Gorillas in Bwindi Impenetrable National Park. *Primates of Western Uganda*, 10:171-192.

Gladys Kalema-Zikusoka and Lynne Gaffikin. 2008. Sharing the Forest, Protecting Gorillas and Helping Families in Uganda. Focus series, published by the Woodrow Wilson International Centre for International Scholars and USAID, Issue 17 October 2008.

Carmina Gallardo,^{1,6} Ana Luísa Reis,² **Gladys Kalema-Zikusoka**,³ Joana Malta,⁴ Alejandro Soler,¹ Esther Blanco,¹ R. M. E. Parkhouse,^{2*} and Alexandre Leitão^{5**}. 2009. Recombinant Antigen Targets for Serodiagnosis of African Swine Fever. *Clinical and Vaccine Immunology*, July 2009, p. **1012-1020**, Vol. **16**, No. **7**.

Gladys Kalema-Zikusoka. 2009. Lair of a Silverback. Wild Places. *National Geographic Traveler*.

Gladys Kalema-Zikusoka. 2010. Comprehensive Conservation – Gorillas on the List. The Reporter, a publication of Population Connection, February 2010, **Vol.42, Issue 1**.

Lynne Gaffikin and **Gladys Kalema-Zikusoka**. 2010. Integrating Human and Animal Health for Conservation and Development: Findings from a Program Evaluation in Southwest Uganda. Consultancy report to John Snow.

Willard Cates; Quarraisha Abdool Karim; Wafaa Mahmoud El-Sadr; Debra W. Haffner; **Gladys Kalema-Zikusoka**; Khama Rogo; Tricia Petruney; E. Megan Davidson Averill. 2010. Family Planning and the Millenium Development Goals. Global Development, Policy Forum. *Science*, Vol 324.

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Steven Rubanga and **Gladys Kalema-Zikusoka**. 2013. The Establishment and Use of Field Laboratories: Lessons from the CTPH Gorilla Research Clinic, Uganda In Journal of Exotic Pet Medicine. Volume 22. Number 1.

Tricia Petruney, Aurelie Brunie, **Gladys Kalema-Zikusoka**, Patricia Wamala-Mucheri & Angela Aki ^[SEP]2014. [Informing the future of capacity building: lessons from an NGO partnership](#) ^[SEP] Tricia Petruney, Aurelie Brunie, Gladys Kalema-Zikusoka, Patricia Wamala-Mucheri & Angela Aki ^[SEP]Pages: 435-441 ^[SEP]DOI: 10.1080/09614524.2014.89768

Christine Atherstone, Kim Picozzi, and **Gladys Kalema-Zikusoka**. 2014. Short Report: Seroprevalence of *Leptospira Hardjo* in Cattle and African Buffalos in Southwestern Uganda. *Am. J. Trop. Med. Hyg.*, 90(2), 2014, pp. 288–290

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Kalema-Zikusoka G. 2016. Family Planning and the Environment in Communities, pp. 33 – 35. Family Planning and Environmental Sustainability: Assessing the Science. Published by Worldwatch Institute.

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Innocent B. Rwego, Olutayo Olajide Babalobi, Protus Musotsi, Serge Nzietchueng, Christian Keambo Tiambo, John David Kabasa, Irene Naigaga, **Gladys Kalema-Zikusoka**, Katherine Pelican. 2016. One Health capacity building in sub-Saharan Africa. *Infection, Ecology and Epidemiology – The One Health Journal*, v 6, 34032.

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Kevin Louis Bardosh, Jake Cornwall Scoones, Delia Grace, **Gladys Kalema-Zikusoka**, Kate E. Jones, Katinka de Balogh, David Waltner-Toews, Bernard Bett, Susan C. Welburn, Elizabeth Mumford, Vupenyu Dzingirai. 2017. Opinion piece: Engaging research with policy and action: what are the challenges of responding to zoonotic disease in Africa? In *One Health for a changing world: zoonoses, ecosystems and human well-being*. Edited by Andrew Cunningham, Ian Scoones and James Wood. Published by Phil. Trans. R. Soc. B 2017 372 20160162

Matthew J. Nolan, Melisa Unger, Yuen-Ting Yeap, Emma Rogers, Ilary Millet, Kimberley Harman, Mark Fox, **Gladys Kalema-Zikusoka** and Damer P. Blake. 2017. Molecular characterisation of protist parasites in human-habituated mountain gorillas (*Gorilla beringei beringei*), humans and livestock, from Bwindi Impenetrable National Park, Uganda.

BOARD MEMBERSHIPS

- Wildlife Clubs of Uganda, Board Chairperson
- The Gorilla Organization, London, UK, Trustee
- Uganda Wildlife Authority Former Board Member, Chairperson Planning and Research Committee
- Uganda Wildlife Education Centre Trust, Former Board Member
- Buganda Heritage and Tourism Board, Former Chairperson

ADVISORY BOARD MEMBERSHIPS

- Kulika Charitable Trust, Kampala, Uganda
- Primate Education Network

MEMBERSHIPS

- African Primatological Society, Vice President
- The Explorers Club, Chairperson of the Africa and Middle East Chapter
- IUCN ESARO (East and Southern Africa) Regional Committee
- IUCN Wildlife Health Specialist Group
- International Primatological Society
- Wildlife Disease Association

PATRON - NETCODE (Network of Community Development Enterprises), Kanungu District, SW Uganda

REFERENCES

Dr. Suzanne Kennedy-Stoskopf, Research Associate Professor, Environmental Medicine Consortium & Farm Animal Health and Resource Management, North Carolina State University, College of Veterinary Medicine, 4700 Hillsborough Street, Raleigh, NC 27606, Tel: 919-515-8111, e-mail:- suzanne_stoskopf@ncsu.edu

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