

Gonzo Kizzitto Dennis Manyasi PhD

manyasigonzo@gmail.com

Date of Birth: 26-04-1959; Marital Status: Legal Partnership.

SUMMARY

- Diligent and collaborative Clinical Biologist with extensive international academic and research experience as well as technical and administrative skills.
- Very passionate about the Global Health initiative, particularly how it relates to achieving Universal Health Coverage (among other health-related SDG targets), through capacity strengthening/building in order to help stem inequalities in coverage while promoting greater efficiency and eliminating waste.
- Articulate and perceptive, with excellent interpersonal skills and executive ability.
- Possesses a respected leadership style, and a natural rapport with stakeholders, at all levels of academia, industry, public service, networking and diplomatically influencing project outcomes.
- A versatile professional, able to work in diverse settings and on multiple projects whether in the office, lab or field.
- Thorough and analytical, with a keen eye for detail and a commitment to continuous development.
- A resourceful problem solver who applies experience, research and innovation to deliver viable results.
- Organized and methodical, prioritizes soundly to achieve multiple deadlines, calmly adjusting to meet changing parameters.

CONSULTANCY

➤ **KENYA POPULATION AND HOUSING CENSUS EXPERIENCE:**

- **2019** – Was a Trainer of Trainers (TOT) and later Sub-County Census Coordinator for Cesium and Nandi Central in Nandi County.
- **2009** – Was a TOT/Coordinator in Lamu County.
- **1979** – Was an enumerator covering the Loresho area in Nairobi.

- **Liverpool Associates in Tropical Health (LATH) - UK**

 - Registered as a consultant with this internationally recognized consultancy linked to Liverpool School of Tropical Medicine (LSTM).

**2005-to
date**
- **EOW Associates - Nairobi, Kenya** (*Regional organization consulting on ICT, statistics, economics and training needs assessment*);-

 - Health Expert on Primary Health Care and Editor, successfully completed Baseline Survey for the project on poverty alleviation and flood mitigation in Western Kenya funded by the World Bank [Citation: World Bank. 2007. *Kenya - Western Kenya Community Driven Development and Flood Mitigation Project*. Washington, DC: World Bank. <http://documents.worldbank.org/curated/en/2007/02/7449780/kenya-western-kenya-community-driven-development-flood-mitigation-project>].

2008
- **Regional Disaster Management Centre of Excellence (RDM-COE) - Nairobi, Kenya**

 - Prepared a proposal for a series of Training Workshops on Bio-disasters in the Horn of Africa Region, and surrounding countries – involving a total of eleven (11) countries.

2007
- **Malaria Knowledge Programme (MKP)/HIV/AIDS Group at LSTM, UK**

 - Associate Consultant and Scientific Writer produced a paper on cost effectiveness of blood transfusion strategies in Sub-Saharan Africa, which was later published.

**2004 -
2005**
- **Effective Health Care Alliance Programme (EHCAP), part of Cochrane Infectious Diseases Group (CIDG), based at Liverpool School of Tropical Medicine (LSTM), UK**

 - Reviewed literature and extracted data on schistosomiasis.

**2004 -
2005**

EXPERIENCE

SCHOOL OF MEDICINE (SOM),

**MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY
2019(Current).**

Initially contracted as a **part-timer** to take Year 2 and 3 MBChB students of the MMUST-SOM in Immunology and Immunopathology, and Medical Microbiology and Parasitology courses respectively.

Currently engaged as an **Adjunct Professor** teaching the same specialties on contract.

➤ **GREAT LAKES UNIVERSITY OF KISUMU (GLUK)** **2013 -**
DEAN, FACULTY OF HEALTH SCIENCES;- **2016**

- My tenure as the Dean not only raised the profile of the Faculty in particular and the University at large but also contributed towards the achievement of the national/international goal of providing Universal Health Coverage (UHC) through the Community Health Strategy, a field in which GLUK is a global leader.

- Most fundamentally, pushed the capacity building and/or strengthening agenda - the main aim being to plug the persistent gaps in the various healthcare systems such as accessibility, inequalities in coverage, affordability and stopping wastage while promoting efficiency.
- Engaged members of the Clinical Officers Council (COC) – the regulatory body of the profession – in several progressive discussions with a view to initiating specialist programmes/courses both at postgraduate and continuous medical education (CME) level. The objective here was to increase accessibility especially among the rural communities who would ordinarily have to be on long waiting lists of the (few) major hospitals in urban areas for months/years on end, thus increasing efficiency within the health system.
- Passionate about promoting Physiotherapy and Rehabilitative medicine (particularly the latter) as a way of reducing wastage due to disability. Kenya is way behind in terms of professional advancement which has reached doctorate levels in parts of Africa. International collaboration (in the RSA, the UK & the USA) initiated while Dean is already in place and raring to go as soon as a willing host-institution is found.

Other Duties included;-

- Leading and administrating faculty-based, externally funded research projects that included the Bakri Balloon Reproductive Health (addressing maternal mortality) and Packard Western Kenya (addressing Family Planning) projects both of which had a strong element of grassroots community involvement, with the latter one up to the household level.

- Providing technical leadership and advice on intra-faculty projects such as USAID-funded Funzo (Intrahealth) Kenya. (Also see section below on Professional Development).
 - Developing new academic programmes including MSc in Nursing – launched in Sep 2015, BSc in Physiotherapy – launched in Jan 2014, and BSc in Clinical Medicine – launched in Sep 2013.
 - Overseeing establishment of the 4-department School of Nursing from July 2015 upgrading from Department status as per the new Nursing Council of Kenya requirements.
 - Reviewing existing academic programmes and curriculums, especially for compliance with Commission for University Education, Kenya (CUE), and respective professional regulatory bodies' guidelines namely, the Nursing Council of Kenya, the Kenya Society of Physiotherapists and the Clinical Officers Council.
 - Overseeing and supervising lecturers' activities in the various departments of the faculty as well as academic programme performance, staff development and capacity building in general.
 - Initiating and promoting consultancies and resource mobilization, especially for projects.
 - Establishing and maintaining collaboration with other faculties and institutions both regionally and globally.
 - Representing the faculty as appropriate in various forums, including the Senate and Management Board.
 - Preparing faculty and departmental budgets as per university schedule and managing calendar of events.
- **GREAT LAKES UNIVERSITY OF KISUMU (GLUK) CONTINUED...** **2013 - 2016**

Associate Professor - Faculty of Health Sciences

- Teaching and examining on Immunology and Communicable & Vector-borne diseases for part-time (upgrading) and full time BSc Nursing students, and Tropical Medicine, Immunology and Parasitology to Bachelor and Diploma Clinical Medicine students.
 - Supervising and mentoring postgraduate students undertaking PhD (3 - ongoing), 6 Masters and 10 Bachelors and examining 16 MSc and 10 PhD theses to date.
 - Working with the faculty board on curriculum development and examination matters, contributing to Senate and Management meetings and initiating research programmes, including student projects.
- **UNIVERSITY OF NAIROBI INSTITUTE OF TROPICAL AND INFECTIOUS DISEASES (UNITID) Honorary Lecturer** **2012 - 2013**
- Taught, mentored and examined students taking MSc in Tropical Infectious Diseases (MScTID).

- **UNIVERSITY OF NAIROBI, COLLEGE OF BIOLOGICAL AND PHYSICAL SCIENCES** **2011 - 2012**

Part Time Lecturer - School of Biological Sciences

- Taught and examined on Population Genetics to 4th year undergraduates.

- **NATIONAL UNIVERSITY OF RWANDA, FACULTY OF MEDICINE**

Associate Professor - Clinical Biology - Department of Pathology (2010 - 2011)

- Hired to teach Histopathology to MBCHB undergraduates and conducted clinical diagnoses of patient specimens from those attending or undergoing treatment at the University Teaching Hospital and other medical facilities.

- **KAMPALA INTERNATIONAL UNIVERSITY, DEPT OF MICROBIOLOGY AND PARASITOLOGY** **2009 - 2010**

Senior Lecturer - Medical Parasitology and Immunohistochemistry - Faculty of Biomedical Sciences.

- Taught, supervised and examined students taking MBCHB, Bachelors and Diploma in Clinical Medicine and Community Health and Bachelors and Diploma in Nursing including practical sessions.

Senior Lecturer and Head of Histopathology, Faculty of Medicine and Dentistry **2009-2010**

- Taught, supervised and examined undergraduates taking MBBS; B. Pharmacy; B. Medical Laboratory Sciences; BSc Microbiology; B. Clinical Medicine and Community Health classes.
- Assisted the head of the School of Diagnostics within the faculty in supervision of hospital clinical laboratory services offered to the public.

- **UNIVERSITY OF NAIROBI, FACULTY OF SCIENCE.** **1990 - 2004**

Lecturer - Department of Zoology (1990 - 2004)

- Head hunted for the role, taught and examined on:
 - Medical Parasitology - Final year undergraduates and postgraduates (Msc Parasitology).
 - Immunology/Immunocytochemistry – Postgraduates.
 - Applied/Clinical Immunology - Undergraduates (Final Year).

- Basic Medical Parasitology - Postgraduates (Msc Entomology).
- Basic and Molecular Genetics/Cell and Molecular Biology – Undergraduates.
- Supervised student research projects for 1 Undergraduate and 4 Postgraduates.
- Co-ordinated Parasitology/Immunology Group within the Department for postgraduate courses – up to 1997
- Member of PhD and MSc Thesis Examining Boards as Internal Examiner and Member for 5 PhD and 8 MSc.
- Member of Department & Faculty Syllabus review/update committee for Parasitology/Immunology Group.

JICA Research Fellow - Research Centre for Protozoan Molecular Immunology, Obihiro University - Hokkaido, Japan. (1999 - 2000)

- Researched toxoplasmosis and to a lesser extent, cryptosporidiosis and neosporosis as opportunistic protozoan diseases in AIDS, culminating in two power point presentations of the work at seminars.
- Used molecular and immunological diagnostic techniques such as PCR, RT-PCR, SDS-PAGE, Immunoblots, ELISA, immunocytochemistry.
- Covered areas of immunogenetics (including transfection and transgenic studies), cell and parasite culture, cell sorting and flow cytometry, and confocal microscopy.
- Gave a bi-lingual lecture in English and Japanese to undergraduate students of the Faculty of Veterinary Medicine and helped with editing and proof-reading of post graduate theses and dissertations.

➤ **UNIVERSITY OF NAIROBI, FACULTY OF VETERINARY MEDICINE. 1998 - 1999**

Visiting lecturer - MSc Reproductive Biology - Department of Animal Physiology.

- Taught aspects of cellular immunology and histopathology.

➤ **UNIVERSITY OF SUSSEX, SCHOOL OF BIOLOGICAL SCIENCES. 1993**

Visiting Research Scientist - Sussex Centre for Neuroscience.

- Developed and used non-radioactive DNA probes as diagnostic tools for protozoan infections and diseases, including oligonucleotide synthesis.

- **INTERNATIONAL CENTRE FOR INSECT PHYSIOLOGY & ECOLOGY (ICIPE) – NAIROBI.** **1989 - 1990**

Team Leader and Postdoctoral Fellow - Livestock Ticks Research Programme (LTRP).

- Head hunted to establish a field station for experiments and trials of tick (polypeptide) vaccine candidates developed in ICIPE central laboratories, carried out **basic epidemiological surveys for human and animal diseases** prior to setting up the infrastructure.

- Co-ordinated field experiments and trials by LTRP scientists, testing vaccine candidates and studying other aspects of the tick problem such as ecology and biology.

- Served as the vital link between the lab-based scientists and the local communities where the trials were to be carried out, apart from the epidemiological surveys which included advice to the farmers as an incentive.

- **KENYA AGRICULTURAL RESEARCH INSTITUTE (KARI).** **1988 - 1989**

Research Scientist - National Veterinary Research Centre (NVRC), Muguga.

- Part of the Kenyan/British Government (ODA) joint project to control theileriosis or East Coast Fever (ECF), using immunization / treatment method.

- **LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE (LSHTM)** **1987 - 1988**

Senior Research Fellow (Visiting) - Wolfson Tropical Pathology Unity (WTPU)

- Produced monoclonal antibodies against eosinophil granule proteins, for immunocytochemical diagnosis.

- **KENYA AGRICULTURAL RESEARCH INSTITUTE (KARI), PROTOZOOLOGY DIVISION** **1981 - 1982**

Research Officer - Veterinary Research Department (VRD)

- Established ideal lab conditions for *Amblyomma Variegatum* tick cultivation.

EDUCATION & QUALIFICATIONS

Postgrad Dip	Medical Parasitology - LSHTM (1996)
PhD	Wolfson Tropical Pathology Unit (WTPU), LSHTM , University of London (1987)
MSc	Medical Parasitology - London School of Hygiene & Tropical Medicine (LSHTM) (1983)
BSc (Hons)	Zoology - University of Nairobi, Faculty of Science (1981)
Certificate	Parasitological Techniques; Immunodiagnostic Techniques; Molecular Techniques (DNA Probes, PCR), and Ultrastructural Diagnosis (1995)
3 BTEC's	Foundation, Intermediate and Advanced IT - Hertford Regional College, UK
Certificate (Dist)	Word Processing – UK
Certificate	Internet Technologies – UK
Certificate	Computer Literacy and Information Technology (CLAIT) – UK

PROFESSIONAL DEVELOPMENT

- YALE UNIVERSITY – ESSENTIALS OF GLOBAL HEALTH (ONLINE NON-CREDIT COURSE VIDE COUSERA)- CERTIFICATE - AWARDED APRIL 2017.
- APHRC Research Governance and Management Workshop and Certificate. Kenya - Sep 2015.
- Kenya Bureau of Standards Workshop: 'STANDARDS PROPAGATION WORKSHOP ON DISASTER MANAGEMENT'. Kenya – Sep 2015.
- FUNZO/INTRAHEALTH:
 - Regional TOT Training, Faculty Development Workshop. Kenya - Aug 2015.
 - GLUK Curriculum Review Workshop. Western Kenya - Mar 2014&Dec 2014.
 - Curriculum Development Workshop, follow-up meeting. Kenya - Feb 2014.

- Curriculum Advisory Committee meeting, National Curriculum Development Initiative. Kenya - Feb 2014.
- Preliminary post training assessment and national instructor TOT planning meeting. Kenya - Jan 2014.
- Curriculum Development Workshop for courses in health sciences - GLUK/MOI Universities - Sep 2013.
- 2 wk certification course - Parasitic Diseases: Advanced Laboratory Diagnosis. LSHTM - Sept 1995.
- 2 wk course - Fractionation and Purification Techniques. Pharmacia Fine Chemicals at St George's Hospital Tooting, London SW17. Jan 1984 (Gel Chromatographies, Isoelectric Focusing, Protein Purification, etc).

SCHOLARSHIPS & FELLOWSHIPS

- British Council (TCTD) Scholarship - MSc (1982-1983), PhD (1983 - 1987) and Postdoc attachment (1987-88).
- British Council: Fellowship at Sussex University as visiting scientist. Jan - Mar 1993.
- British Council/University of Nairobi: Scholarship for short course at LSHTM, UK. Sept 1995.
- JICA: Fellowship - 11-month Special Course on Protozoan Diseases, Hokkaido, Japan. Nov 1999 - Sep 2000.

CONFERENCES

- 14th Annual GLUK Scientific Conference, 13th-14th November 2017: THEME – Sustainable Health & Wellness in Devolved Governance Systems. Invited by APHRC as part of the Packard Western Kenya Family Planning Project (having been the Co-PI from GLUK). Had a productive Symposium involving stakeholders.
- Invited to attend the NTD Summit 2017 in Geneva, April 18-22, 2017 on Uniting to Combat NTDs (Neglected Tropical Diseases) - <http://unitingtocombatntds.org/ntd-summit-2017>.
- 4th International Conference on Family Planning (ICFP), Nusa Dua Convention Center, Bali, Indonesia – January 2016.
- 10th/11th/12th and 13th Annual TICH Annual Scientific Conference, Great Lakes University of Kisumu - May 2013/14/15/17.
- 2nd JKUAT Scientific, Technological and Industrialisation Conference. Nairobi, Kenya - Oct 2006.

- Oxford 2000 Conference, New Challenges in Tropical Medicine and Parasitology. UK - Sep 2000.
- 5th Scientific Advisory Councils (SACV) of the International Geosphere - Biosphere Programme (IGBP). UNEP Headquarters, Nairobi, Kenya – 1998.
- ICIPE Annual Scientific Conference. Nairobi, Kenya – 1989.
- British Section to the Society of Protozoologists (BSSP). Glasgow, Scotland - Spring 1987.
- BSP Conference. Edinburgh, Scotland - Spring 1987 & London - Autumn 1987 (to present group paper).
- 4th Immunocytochemistry Club Meeting (ICCC). Cardiff, Wales - Summer 1985.
- British Society for Parasitology (BSP) Conference. Bristol, UK - Spring 1984.
- KEMRI-KETRI Annual Conference, Nairobi, Kenya - 1981, 1982.

CONFERENCE ABSTRACTS/EVENTS

1. https://www.ghdonline.org/search?q=&selected_facets=author_exact%3A%22Go+nzo+Manyasi%22&page=2. From GHDonline Expert Panels – **continuous, year-round moderated discussions by expert members since August 2016 to date.**
2. 4th International Conference on Family Planning (ICFP), Nusa Dua Convention Center, Bali, Indonesia – January 2016 - Co-hosted (GLUK&APHRC) a panel discussion session as an auxiliary event on Community-based FP services delivery: Lessons, Challenges and Sustainability.
3. The 12th Annual TICH Annual Scientific Conference, Great Lakes University of Kisumu, May 2015:
 - a) *“The use of the Bakri Balloon in the management of postpartum haemorrhage: The lessons and challenges of a Multi-site trial”* **Manyasi G**, Okeyo S, Omollo N, Atieno J and Ochweda JF
 - b) *“The use of the Bakri Balloon in the management of postpartum haemorrhage refractory to conservative measures: A multi-site prospective trial”* - Okeyo S, **Manyasi G**, Omollo N, Atieno J and Ochweda JF
 - c) *“The Role of Effective Monitoring in Reproductive Health Delivery Programme and Improvement: The Packard Western Kenya Project Experience”* Aringo JK, **Manyasi GK**, Muga RO
4. 16th International Conference for the World Association for the Advancement of Veterinary Parasitology (WAAVP) 1997, Sun City, South Africa:
 - a) *“Ivermectin as a systemic tickicide”* - **GKD Manyasi**
 - b) *“Tissue eosinophilia and eosinopoiesis in lymph nodes draining tick bite site in rabbits”*- **GKD Manyasi** and CD Mackenzie
 - c) *“The morphology and histopathology of lymph nodes in tick infested rabbits”*- **GKD Manyasi**, GD Mackenzie
5. Oxford 2000, 18-22 September, 2000, Oxford, UK. (poster): *“Modulation of macrophage cytokine production by Toxoplasma gondii in vitro”* **GKD Manyasi** and Nagasawa H

6. Fifth Scientific Advisory Councils (SACV) of the International Geosphere - Biosphere Programme (IGBP) 1998 UNEP Headquarters, Nairobi, Kenya: "*Global Change and Malaria in Africa*" - **GKD Manyasi**
7. 18th African Health Sciences Congress Apr 1997, Cape Town, South Africa: "*The relationship of type of drinking water to the prevalence of intestinal parasitic infections*" **GKD Manyasi**, MS Mohamud, WG Jaoko and HO Pamba
8. European Conference on Tropical Medicine Oct 1995, Hamburg, Germany "*Intestinal parasitism among patients attending Health Centres in Nairobi, Kenya*" - MS Mohamud, **GKD Manyasi**, HO Pamba and W Jaoko

PROFESSIONAL MEMBERSHIPS

1. Royal College of Pathologists - Associate Member
2. Member GHDonline Expert Panels including Diagnostics, Malaria Treatment & Prevention, Non-Communicable Diseases, Population Health, HIV Treatment and Prevention, Global Health Nursing and Midwifery.
<https://www.ghdonline.org/users/gonzo-manyasi/>

PUBLICATIONS

1. [Postpartum Haemorrhage \(PPH\) and Maternal Deaths in Resource Poor Settings.](https://manyasigonzo.blogspot.co.ke/search?updated-min=2016-01-01T00:00:00-08:00&updated-max=2017-01-01T00:00:00-08:00&max-results=3) <https://manyasigonzo.blogspot.co.ke/search?updated-min=2016-01-01T00:00:00-08:00&updated-max=2017-01-01T00:00:00-08:00&max-results=3>
2. <http://aphrc.org/managing-research-grants-and-partnerships-in-african-universities-and-research-organization-impediments-of-success-and-what-needs-to-be-done/> 2015
3. "*Reducing replacement donors in Sub-Saharan Africa: Challenges and affordability*" I Bates, **G Manyasi** and A Medina Lara - *Transfusion Medicine* (2007) 17 (6): 434-442
4. "*Blood Safety: Systems, Costs and Cost-effectiveness Strategies in Sub-Saharan Africa*" **Gonzo KDManyasi** - Proceedings of the Second JKUAT Scientific, Technological and Industrialisation Conference. 26-27th October 2006. JKUAT, Nairobi, Kenya
5. "*BIOTECHNOLOGY: Applications for sustainable development - Health*" **GKD Manyasi** - Proceedings of the 2nd Princess Chuylabhorn Science Congress. Environmental, Science and Technology: The challenges of the 21st Century: November 2 - 6 1992, Bangkok, Thailand
6. "*Inflammatory responses to parasites*" C.D. Mackenzie, A.J. Gatrill, A.J. Luty, **GKD Manyasi**, C Moore, G Sayers and S Suleiman: *Parasitology* (1987) 94:9 - 28

FURTHER DETAILS

Technical	MS Word, Excel, PowerPoint, Outlook; lab equipment and software.
Languages	Fluent in English, Swahili, Luhya and Luo, learning and practicing on Spanish, French, and Japanese (certificates level).
Interests	Reading, Languages, Music, Sports - including Soccer, Rugby, Athletics (Field events), Basketball, Hockey and Pool, playing competitively throughout academic career.

(Include all your details and any academic outputs).

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