

Curriculum Vitae
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Profile Summary

Elizabeth is a Population Scientist, Researcher, Evaluator and Special Research Fellow at the University of Zambia. She is currently a PhD candidate at the University of the Witwatersrand under the Department of Demography and Population Studies. She contributes to teaching, research, writing, resource mobilisation and community service. She has expertise in Demography training, M&E, research, data science and project implementation and management.

Elizabeth is passionate about developing innovative forms of data collection for demographic research and learning and teaching new ways of analysing and managing the large amounts of data produced in different sectors to inform current and future needs. She contributes to enhancing the capacity of M&E practitioners in the public and private sector through training. She supports efforts to strengthen capacity to address current and emerging population issues as well as integrating population issues into the development agenda.

Her focus areas of research and evaluation include sexual reproductive health and rights, fertility and well-being and contemporary issues such as climate change. She contributes to writing through reports, books, and technical papers on population issues and peer-reviews papers for scientific publications.

Elizabeth has expertise, experience and actively provides consultancy services in research and M&E in a wide variety of sectors. She has managerial leadership and technical project management oversight and has managed implementation of projects, large scale surveys and special initiatives. She is conscientious and adept at meeting commitments and achieving results; is highly motivated, and willing to work with and learn from others.

Education

- PhD Candidate, Demography and Population Studies, University of Witwatersrand, 2022
- Post Graduate Dip., Monitoring and Evaluation Methods, University of Stellenbosch, 2015
- Master of Arts, Population Studies, University of Zambia, 2013
- Bachelor of Arts, Demography and Economics, University of Zambia, 2009
- Cert. O'levels, St. John Convent Secondary School, 2003

Additional Training

December 2023:	Certificate: Topics in Digital and Computational Demography. Max Plank Institute of Demographic Research. Rostock. Germany.
November 2023:	Biostatistics using R. Training organised by School of Public Health at University of the Witwatersrand
October 2022:	Certificate: Introduction to Randomised Control Trials. Training funded and organised by Innovations for Poverty Action Zambia (IPA), Lusaka, Zambia

October 2022:	Certificate: Scoping Review: JBI, University of Adelaide, South Australia in collaboration with University of Witwatersrand, South Africa
May 2022:	Certificate: Introduction to Meta-Analysis, University of the Witwatersrand, South Africa
June 2019:	Certificate: GIS for Spatial Analysis of Demographic and Socio-Economic Data (Survey and Routine Data) Training funded by UNFPA. University of Southampton, World Pop Flow Minder, International Earth Science Information Network, Lusaka, Zambia.
March 2018:	Certificate: Communicating data and Information to Policy Makers. Population Reference Bureau in collaboration with Ministry of National Development Planning.
February 2016:	Certificate: Survey Data Analysis Using STATA. University of Zambia, Department of Population Studies.
October 2013:	Certificate: Introduction to Programme Evaluation. Stellenbosch University, Department of Sociology and Social Anthropology

Computer and Statistical Skills

- ***Quantitative analysis Software***
STATA, SPSS, MS Excel and R
- ***Data Collection Template Development Software***
CsPro, KoboToolBox
- ***Qualitative data analysis software***
ATLAS.ti, Dedoose
- ***Spatial data analysis software***
QGIS

Awards

- Union of African Population Studies (UAPS) 2024 African Research and Data Fellowship for Early Career Researchers

Affiliation

- Member, International Union for the Scientific Study of Population (IUSSP), Member # 43637
- Member, Union for African Population Studies (UAPS), Member # 2994
- Member, Population Association of America (PAA), Member # 214340
- Member of the Zambia Monitoring and Evaluation Association (ZAMEA), Member # 2019236

Professional Appointments

- Appointed as Friend of World Vision Zambia _ January 2023 -To date
- Appointed as Member of the Technical Working Group to develop the Demographic Dividend Operational Plan for Zambia. The purpose of this assignment was to develop the Demographic Dividend Operational Plan for Zambia based on the 2015 Demography dividend operational plan and the African Road Map for harnessing the Demographic Dividend.
- Appointed as Council member of the United Church of Zambia University Council, and Chair of the Marketing and Public Relations Committee for the period 2016- 2020.
- Appointed as Member of the Zambia Agribusiness and Trade Project Technical Working Group (ZATP).
- Appointed as member of the technical working group that developed the engage video for Zambia dubbed "[Zambia on a cusp of a promising future](#)".
- Appointed by the Higher Education Authority (HEA) to review the Bachelor of Science in Demography Programme offered by Mulungushi University for accreditation.
- Appointed by the Higher Education Authority to review the Postgraduate Diploma in Monitoring and Evaluation offered by Cavendish University for accreditation.

Working Experience

Lecturer & Researcher, University of Zambia Teaching and Supervision

2013 – Present

- Contributes to teaching in the undergraduate Demography Programme and the Postgraduate diploma in Monitoring and Evaluation programme.
- Supervision of undergraduate students in research projects in Demography and mentorship of postgraduate student's evaluation projects
- Developed the MEM 5002-Clarificative Evaluation Module and Teaching materials for the Post-graduate Diploma in Monitoring and Evaluation
- Coordinated the development and pilot of Impact Evaluation Course. This course was developed in collaboration with 3ie with support from CLEAR AA South Africa and UNICEF Zambia. The Course was designed to be offered at Masters level and audited by Post-graduate Diploma Students.

Contribution to University Life

2022	:	Facilitated the signing of a Memorandum of Understanding (MOU) between IPA and University of Zambia, Department of Population studies to facilitate collaborative research and capacity building
2019- 2022	:	Assistant Coordinator: Post Graduate Diploma in Monitoring and Evaluation (PGD, M&E)
2016-2021	:	University of Zambia, Population Studies Association Matron
2014-2018	:	Served as acting Head on various occasions.
2013 to date	:	Member of the HSS Curriculum Development Committee and Budget Committee

***Business Office Official, UNZA –CDC Project (Project Manager), University of Zambia* 2015 - 2019**

As Business Office Official(BOO), I served as Grantee Authorising Official for the University of Zambia US\$8 million Cooperative Agreement between the University of Zambia (UNZA) and Center of Diseases Control (CDC) to implement the following program areas: Saving Mother's Giving Life (SMGL); HIV Case Based Surveillance Initiative (CBS); HIV Strategic Information; Health Systems Strengthening (HSS); Health and Well Being of Children (H-WELL); Zambia Population Based HIV Impact Assessment (ZAMPHIA) and the Strategic Information Central Initiative (SICI). As BOO I was responsible for.

- Proving technical oversight, strategic direction and definition of project activities and financial management; developed project strategies and managed implementation, research and monitoring and surveillance.
- Budget development, review and monitoring, forecasting needs, managing financial systems and enforcing controls, audit, continuation applications for the grant, and close-out.
- Soliciting funds (over ZMK5.8 million) and leading the construction of the 400-seating capacity lecture theatre, office space, computer lab and master's classroom; the alteration, renovation, furnishing and fitting of a 200-seating capacity computer laboratory and 120 seating capacity 24-hour Wi-Fi Park for students costing over ZMK2.1 million.
- Managing and maintaining highly collaborative working relationships with CDC, government counterparts, and all other stakeholders. I also assumed overall leadership in the absence of the Projects Director.

***Cooperative Agreement (CoAg) Coordinator, UNZA –CDC Project, University of Zambia* 2013 – 2015**

As CoAg Coordinator, I was responsible for.

- Planning, reporting and coordinating technical experts and align them to all program activities, and preparing, tracking and submission of all reports including budget and spend plan.
- Reporting requirements and responding to donor requests for information on project such as performance data and budget scenarios.
- Providing leadership and oversight of project set-up, daily operations including human resource, financial controls, efficient procurement and logistical services, asset management, and general administration, and support close-out of the project as well as ensuring compliance with the funder's rules and regulations (CFR part 74) as well as UNZA's financial regulations.
- Managing the establishment of the University of Zambia, Department of Population Studies, M&E Center of Excellence. During this performance period, I applied adaptive management approaches to improve overall project performance and ensure project activities are geared to meet the intended results.

As Administrative Coordinator I was responsible for

- Providing office operations and administrative support to the CoAg team and work in collaboration with Business Official and Principal Investigator to ensure efficient management of project activities.
- Coordinating administrative requirements of the Monitoring and Evaluation Centre of Excellence activities.

Staff Development Fellow (SDF), University of Zambia**2010 – 2013**

As SDF I was responsible for

- Tutoring undergraduate demography students and was engaged as Research Assistant on several projects.

Research

- 2022: **Technical Committee Member:** 2022 Post-Enumeration Survey (PES) Zambia Statistical Agency. Providing support to the Zambia Statistical Agency in the execution of the PES
- 2022: **Survey Statistician and Technical Advisor,** Flexy Track Surveys (FTS) for Community Radio Programmes (CRP) developed by Population Media Centre (PMC). Provided technical support for sampling, development of survey instruments, data analysis and report writing.
- 2021: **Lead Researcher,** Teenage Pregnancy and Child Marriage report and Policy brief development using 2018 Zambia Demographic and Health Survey Data
- 2021: **Technical Committee member:** Provided support to Zambia Statistical Agency to develop enumerator training materials and survey instruments for the Post Enumeration Survey (PES)
- 2020: **Lead Researcher,** Further Analysis of the 2018 Zambia Demographic and Health Survey under the auspices of the United Nations Population Fund and the Ministry of National Development Planning.
- 2020: **Lead Researcher,** Iterative Beneficiary Monitoring (IBM) survey for the Girl's Education and Women Empowerment Livelihood –Supporting Women's Livelihood Programme (GEWEL-SWL) phone-based survey supported by the World Bank Group and Ministry of Community Development and Social Services.
- 2019: Part of the **Writing Team** for the 2018 Zambia Demographic and Health Survey Report. Supported by Zambia Statistics Agency, Ministry of Health and ICF
- 2017: **Master trainer,** Saving Mothers Giving Life End Line Census, Luapula Province.
- 2015: **Study Coordinator, Situation Analysis of Children with disabilities in Western Province.** This study was funded and supported by Save the Children International (SCI)- Zambia.
- 2015: **Supervisor and Team Lead for Luapula, (Mansa, Samfya, Chembe, Lunga) and Central Province (Kabwe), Saving Mothers Giving Life (SMGL)** project monitoring. SMGL is a PEPFAR initiative funded through the Centers for Disease Control and Prevention (CDC).
- 2015: Part of the **Technical Working Group** for the **Health and Wellbeing of Children (HWEEL) survey. Provided Technical support for the execution, report writing and development of Hwell policy brief.**
- 2014: **Co-Researcher, Zambia Maternal Mortality Surveillance through Verbal autopsy** (RAMOS method), Centers for Disease Control and Prevention (CDC) funded project, Mansa District.
- 2013: Researcher, **Breastfeeding and Infant feeding in the era of HIV: A case of Lusaka and Kitwe**

- 2011: **Research Assistant** in the **UNFPA/MOH nationwide Rapid Assessment** of the status of HIV and Sexual and Reproductive Health integration and linkages.
- 2010: **Supervisor** in the **Evaluation of CHAZ HIV/AIDS programmes** for the period 2006 to 2010 in August 2010.
- 2010: **Team leader** in the **Re-Entry policy review project** in May 2010 under the auspices of Ministry of Education EQUIP2 programme.

Consultancy

- 2021/2: **Survey Statistician and Technical advisor - Flexy Track Surveys for Population Media Center-Zambia (PMC) Community Radio Program (CRP).** Provided technical guidance to for sample selection, questionnaire development, Data collection, Management and Analysis and Development of Final Reports.
- 2020: **Member of the Technical Working Group** to develop the Demographic Dividend Operational Plan for Zambia.
The purpose of this assignment was to develop the Demographic Dividend Operational Plan for Zambia based on the 2015 Demography dividend operational plan and the African Road Map for harnessing the Demographic Dividend.
- 2020: **Consultant. Girls Education and Women's Empowerment Livelihoods Project (GEWEL) Supporting Women's Livelihood (SWL) Initiative_ IBM Pilot; (World Bank).**
The purpose of this assignment was to pilot a phone-based M&E system using Iterative Beneficiary Monitoring (IBM) with the objective of building the capacity and appetite within the SWL management team for the use of such innovative methods for M&E, and its complementarities within the broader M&E framework.
- 2018: **Evaluator/Reviewer: Review of ICPD@25 /AADPD@5; United Nations Population Fund (UNFPA)**
The purpose of this assignment is to review progress of the AADPD beyond 2014, identify gaps and challenges and ultimately to advance advocacy and policy change to achieve national development objectives and priorities in line with 88 commitments reflected in the AADPD anchored on six pillars- Dignity and equality, Health, Governance, Data and Statistics, place and mobility, international cooperation and Partnerships.
- 2018: **Lead Consultant; American International Health Alliance (AIHA)**
Training of front-line health Workers working in Zambia Defence Force facilities in **Research Data analysis using SPSS and M&E.**
- 2018: **Evaluator; Higher Education Authority (HEA) - Zambia**
An Evaluation of the Bachelor of Science in Demography and Postgraduate Diploma M&E offered by the Mulungushi University Zambia (CUZ) and Cavendish University Zambia (CUZ) respectively for accreditation.
- 2017: **Lead Consultant – Basic and Advanced M&E Course; Zambia Education Sector Support Technical Assistance (ZESSTA) - DFID**
Led the design and material development as well as facilitation of the Advanced M&E capacity building programme for Ministry of General Education.
- 2017: **Lead Consultant – Data Management and Reporting; American International Health Alliance (AIHA).**
Led the design and material development as well as facilitation of the Data Management and reporting training for front line Health Workers in the Ministry of Health.

- 2017: **Lead Consultant -Data Analysis Interpretation and Use for Informed Strategic Decision Making” for key M&E Officials of Ministry of Health; United Nations Development Programme (UNDP)**
Led the design and material development as well as facilitation of the course
- 2016: **Lead Consultant Content Developer: M&E in the Education Sector: A Course Reader Produced as a joint effort between MOGE and UNZA capacity building Programme; ZESSTA-DFID**
Contributed to the development of the course reader for the Basic M&E course for the Education Sector

Training, Workshops and Conferences

- 2024: **Participant:** Union of African Population Studies 2024 African Research and Data Fellowship for Early Career Researchers Workshop. March 11-15, 2024. Kigali, Rwanda
- 2023: **Participant:** Topics in Digital and Computational Demography (December 4-9, 2023). Max Plank Institute of Demographic Research. Rostock Germany.
- 2023: **Participant:** Biostatistics using R November 20-24, 2023. University of Witwatersrand. Johannesburg, South Africa
- 2022: **Participant:** Introduction to Meta- Analysis. May, 2022. Faculty of Health Sciences, University of the Witwatersrand
- 2022: **Participant:** Forum for Education Research in/for/by Africa April 26-29. Organised by Imagineable Futures, Echindna Giving, Porticus and the Bill and Melinda Gates Foundation
- 2022: **Participant:** Population and Reproductive Health Dynamics under COVID-19 in Sub-Saharan Africa (March 14-16, 2022). International Conference organized by the Department of Population Studies, University of Witwatersrand, Johannesburg, South Africa
- 2021: **Delegate:** 29th International Population Virtual Conference (IPC) held from December 5-10 in Hyderabad, India organized by the International Union for the Scientific Study of Population.
- 2021: **Participant:** Introduction to Emerging Methodologies in Social Science Research May 10-14, 2021. Workshop organized by the University of Witwaterand, Johannesburg, South Africa
- 2021: **Trainer:** Training of Staff under the National Designated Authority (NDA) for Climate Action in Zambia on Monitoring and Evaluation of Climate Action Programmes from April 14-18, 2021.
- 2021: **Lead Trainer:** Impact Evaluation Pilot training. The course was developed collaboratively by the International Initiative for Impact Evaluation (3ie), University of Zambia, Department of Population Studies and the Centre for Learning on Evaluation and Results-Anglophone Africa (CLEAR-AA) and was delivered online from January 25-29, 2021.
- 2020: **Trainer:** Training of Ministry of Health Workers working at Health facility level in Lusaka Province in Quality Improvement through Data Use (QIDU) from November 9-13, 2020 under the auspices of the Clinton Health Access Initiative (CHAI)
- 2020: **Trainer:** Training of Ministry of Health Workers working at Health facility level in Livingstone, Southern Province in Quality Improvement through Data Use (QIDU) from November 2-6, 2020 under the auspices of the Clinton Health Access Initiative (CHAI)
- 2020: **Trainer,** Reporting on progress in Zambia: Covering Population and Development News in 2020. A Journalist training supported by Ministry of National Development Planning and UNFPA.

- 2019: **Lead Trainer**, Training of Ministry of Health Workers working at Health facility level in Kitwe, Copperbelt Province in Quality Improvement through Data Use (QIDU) from December 2-6, 2019 under the auspices of the Clinton Health Access Initiative (CHAI)
- 2018: **Lead Trainer and Content Developer; American International Health Alliance (AIHA)**
Training of front-line health Workers working in Zambia Defence Force facilities in **Research Data analysis using SPSS and M&E.**
- 2017: **Delegate**: 28th International Population Conference (IPC) held from October 29-November 4, 2017 in Capetown, South Africa organized by the International Union for the Scientific Study of Population (IUSSP).
- 2017: **Lead Trainer and Content Developer – Advanced M&E Course; Zambia Education Sector Support Technical Assistance (ZESSTA) - DFID**
Led the design and material development as well as facilitation of the Advanced M&E capacity building programme for Ministry of General Education.
- 2017: **Lead Trainer and Content Developer – Data Management and Reporting; American International Health Alliance (AIHA).**
Led the design and material development as well as facilitation of the Data Management and reporting training for front line Health Workers in the Ministry of Health.
- 2017: **Lead Trainer and Content Development -Data Analysis Interpretation and Use for Informed Strategic Decision Making” for key M&E Officials of Ministry of Health; United Nations Development Programme (UNDP)**
Led the design and material development as well as facilitation of the course
- 2016: **Lead Trainer and Content Developer – Basic M&E Course; Zambia Education Sector Support Technical Assistance (ZESSTA) - DFID**
Led the design and material development as well as facilitation of the Advanced M&E capacity building programme for Ministry of General Education.
- 2015: **Facilitator**, Training of Ministry of Health Workers working at Health facility level in Chibombo and Chisamba, Central Province in Quality Improvement through Data Use (QIDU) from April 13-17, 2015.
- 2014: **Facilitator**, Training of Ministry of Health Workers in Central Province in Quality Improvement through Data Use (QIDU) from June 2-7, 2014.
- 2014: **Facilitator**, Quality Improvement through data use (QIDU) for Health Workers working in USAID funded projects in collaboration with Futures Group held at Kwithu lodge in Lusaka.
- 2013: **Facilitator**, Quality Improvement through data use (QIDU) for Health Workers working in USAID funded projects in collaboration with Futures Group held in Lusaka.
- 2013: **Presenter and Organiser**, Training of Ministry of Health Workers in Copperbelt Province in Epidemiology for Data Use (EDU) held at Edinburgh hotel in Kitwe with support from CDC.
- 2014: **Presenter and Organiser**, Training of Ministry of Health Workers in Central Province in Quality Improvement through Data Use (QIDU) held at Mulungushi University in Kabwe with support from CDC.
- 2013: **Trainer**, Training of Ministry of Health Workers in Copperbelt Province in Epidemiology for Data Use (EDU) from August 12-17, 2013

- 2012: **Trainer**, Training of enumerators for the Public Participation in Natural Resources Management Survey on data collection techniques and tools from December 3rd to December 7th 2013.
- 2012: **Co - Coordinator** for Training of Journalists on Populations and Development from Luapula and North-Western province from June 6th to June 10th, 2012 under the auspices of the United Nations Population Fund.
- 2012: **Co - Coordinator** for Training of Journalists on Populations and Development from Western province from July 2nd to July 5th, 2012, under the auspices of the United Nations Population Fund.
- 2011: **Co-Coordinator** for Training of Journalists on Populations and Development from Lusaka province from September 16th to September 22nd, 2011, under the auspices of the United Nations Population Fund.

Publications

Articles

Mwewa E. Kasonde, Bwalya Bupe Bwalya, **Elizabeth T. Nyirenda**, Chabila Christopher Mapoma, Milika Sikaluzwe, Kafiswe Chimpinde and Gloria I. Songolo. Association between sexual violence and unintended pregnancy among married women in Zambia. *BMC Public Health* (2022) 22:1491. <https://doi.org/10.1186/s12889-022-13881-8>

Andrew Banda., **Elizabeth T. Nyirenda.**, Chabila C., Mapoma, Bwalya B. Bwalya., Nkuye Moyo. (2022). Influence of Infant and Young Child Feeding Practices on Stunting in Children aged 6 – 23 months in Zambia. *Adv Nutr Food Sci*, 7(1), 117-127. ISSN: 2572-5971

Book Chapter

Mapoma C, Phiri M and **Nyirenda E.** (2018). Female education and Fertility in Zambia. In *Education in Zambia at Fifty Years of Independence and Beyond* edited by Gift Masaiti. UNZA Press, Lusaka. ISBN: 978-9982-03-103-5

Course Reader

Ministry of General Education (2018). *Monitoring and Evaluation in the Education Sector: A course reader produced as a joint MOGE –UNZA capacity building programme.*

Research reports

Nyirenda E. T. (2020). *2020 Phone-based Monitoring and Evaluation System for Zambia's GEWEL Project: Supporting Womens Livelihood Initiative IBM report.* World Bank Group and Ministry of Community Development and Social Services.

Zambia Statistics Agency, Ministry of National Development Planning and University of Zambia (2020): **Maternal Health** in In-depth analysis of the 2018 Zambia Demographic and Health Survey (ZDHS) report. Zambia Statistics Agency.

Zambia Statistics Agency, Ministry of Health (MOH) Zambia, and ICF. 2019. Zambia Demographic and Health Survey 2018. Lusaka, Zambia, and Rockville, Maryland, USA: Zambia Statistics Agency, Ministry of Health, and ICF.

Ministry of National Development planning (2018). The Addis-Ababa Declaration on Population and Development beyond 2014(AADPD) Country Report

Referees

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