



ERICK OKUTO

📍 P.O Box 210-40601, BONDO, Kenya

📞 +254736334274

✉ erickokuto@gmail.com

SKILLS

- Professional Certification by Digital Regenesis in Complete Full Stack Data Science
- Data visualization using Tableau, Microsoft Power BI, and Advanced Excel
- Open Data Kit (ODK) powered by FormShare on the Qlands
- Statistical Applications: SPSS, Stata, R, Python, and SAS
- Certifications from EdX and Coursera in Quantitative Methods in Clinical and Public Health Research, Global Health, and R for Big Data Analytics
- Certification by Common Wealth of Learning in Teaching for Climate Action
- Certification in Spatial and spatiotemporal modeling with R-INLA
- SACEMA certification in Epidemiological Modelling and Analysis

SUMMARY

Erick is an Associate Professor of Computational Statistics in the Department of Applied Statistics and Actuarial Science at Jaramogi Oginga Odinga University of Science and Technology (JOOUST), He brings a wealth of expertise and experience in the field of data science and applied statistics. He is the founding Director of JOOUST TVET and a former Director, Resource Mobilization at JOOUST, Kenya. Previously, served as the statistician and R programmer for the Climate Change Unit at the World Agroforestry Centre – ICRAF in Kenya. He is also an Adjunct Professor at the Catholic University of Eastern Africa and an external examiner at the University of Embu. His academic journey includes a Bachelor of Science degree and a Master of Science degree from the University of Nairobi, complemented by a PhD in Applied Statistics from JOOUST, Kenya. He specializes in the data systems value chain including designing electronic data collection tools using Open Data Kit (ODK), data management, analytics, modeling, predictions, prescriptions, and reporting. His skills extend to data science with proficiency in R and Python programming, data management and analysis with STATA and Advanced Excel, and database management using MySQL and Mongo DB for unstructured data. He is also skilled in data visualization using Tableau, Microsoft Power BI, and web technologies. Beyond academia, Erick has practical experience in policing, acquired from the Kenya Police Training College in Kiganjo, Kenya. His diverse background has equipped him with a unique perspective and a robust set of skills which has had an impact on his research interests. The hands-on experiences and the challenges he faced from a young age have profoundly influenced his academic and research path, inspiring him to pursue innovative solutions and contribute meaningfully to statistics, data science, and beyond.

EDUCATION

2016

Ph.D.: Applied Statistics | Statistics

Jaramogi Oginga Odinga University of Sci. and Tech, Bondo, Kenya

2013

Master of Science: Biometry | Statistics

University of Nairobi, Nairobi, Kenya

2012

Diploma: Project Planning and Management

Kenya Institute of Social Work and Community Dev., Nairobi, Kenya

2011

Bachelor of Science: Statistics | Statistics

University of Nairobi, Nairobi, Kenya

2007

No Degree: Police Training Course

Kenya Police Training College, Kiganjo

2004

High School Diploma

Mirogi Boys' High School, Homa Bay county

EXPERIENCE

July 2023 - Current

Associate Professor (Computational Statistics) Jaramogi Oginga Odinga University of Sci. and Tec. | Nairobi, Kenya

- Updates on the advances in pedagogy and work to improve teaching methods continuously Introducing new approaches to instructional methods.
- Develop students" critical thinking skills through interactive classroom activities and discussions
- Mentor and advise students on career paths, degree requirements, and post-graduate pathways.
- Develops research papers on multidisciplinary themes and issues.
- Creates educational, innovative and exciting lessons reflecting course requirements and contemporary issues.
- Update on developments in statistically related fields by conducting research, reviewing papers and attending conferences.

January 2022 - February 2024

Director (TVET) Jaramogi Oginga Odinga University of Sci. and Tec. | Nairobi, Kenya

- Founder, JOOUST, Centre for Technical Vocational Education and Training (TVET)
- Co-ordinating, developing, reviewing, and implementing TVET policies by the TVET Act, 2013
- Monitoring and coordinating the implementation of TVET curricular, co-curricular activities, programs and projects
- Preparing and implementing the Directorate of TVET Institute's annual work plans and budgetary requirements
- Preparing TVET strategies and giving technical advice and guidance to personnel in lower cadre
- Implementing the Directorate of TVET Institute's staff training and appraisals
- Promoting awareness on TVET needs and demands to local communities and parents
- Preparing and submitting quarterly and annual reports

- Advising and making recommendations on all matters related to training in TVET institutions areas of jurisdiction
- Identifying and spearheading grant proposal writing bordering on TVET education and training.

May 2019 - July 2023

Senior Lecturer (Computational Statistics) Jaramogi Oginga Odinga University of Sci. and Tec. | Nairobi, Kenya

- Delivered higher-level undergraduate and graduate courses via classroom, online, and hybrid methodologies to satisfy course curricula and meet student needs
- Contributed to program accreditation efforts by compiling documentation and participating in site visits with external evaluators
- Revised curriculum to align with industry trends, ensuring students were prepared for the job market
- Enhanced student comprehension by incorporating real-life examples and case studies into lectures
- Mainstreamed electronic data collection processes, management/analysis (using R, STATA, SPSS, Python, and business intelligence tools including Microsoft Power BI and Tableau) and reporting systems in the university.
- Taught courses at all levels of university, including undergraduate, masters and higher research degrees.
- Wrote comprehensive funding bids to assist with research programmes.

July 2019 - January 2022

Director (Resource Mobilization) Jaramogi Oginga Odinga University of Sci. and Tec. | Nairobi, Kenya

- Founder JOOUST, Resource Mobilization Directorate
- Steer, coordinate, and consolidate university resource mobilization efforts
- Identify strategies for fundraising and resource mobilization in the university
- Identify potential sources of funding for research, infrastructure, and acquisition of scientific equipment
- Support and facilitate collaborative grant research and proposal writing for funding
- Develop and provide strategic opportunities for grant-seeking for the University
- Support and provide internal and external linkages for revenue generating units of the University
- Coordinate stakeholders support for scientific conferences, workshops and professional meetings
- Initiate, develop and implement a University Endowment Fund to support research and development
- Founded the university TVET Centre, nurtured and promoted to become an Institute
- Championed establishment of Centre for Data Management and Analytics Systems through robust resource mobilization strategy
- Provide liaison for schools and directorates in their resource mobilization efforts
- Planned training programme to expand team skills and drive performance.

October 2016 - May 2019

Lecturer (Computational Statistics) Jaramogi Oginga Odinga University of Sci. and Tec. | Nairobi, Kenya

- Evaluated student progress through regular assessments, providing detailed feedback for improvement and growth
- Created and designed quizzes, tests, and projects to assess student knowledge
- Developed strong relationships with colleagues, collaborating on curriculum development and sharing best practices in teaching strategies
- Developed and implemented innovative teaching strategies to engage students in lectures and coursework.
- Planned and developed homework assignments based on lessons taught and student development required.
- Planned and developed course curriculums based on government guidelines, trends and head of department input.
- Developed tests and materials to assess and promote student learning objectives.
- Marked and graded homework, assignments, papers and tests, providing constructive feedback to improve learning development.
- Designed, planned and taught lectures based on curriculum requirements and exams.
- Held regular student meetings to communicate strengths, weaknesses and areas for learning development.
- Worked independently and in collaboration with colleagues to submit proposals and bids for funding and scholarships to enrich student experience and education.
- Supervised student dissertations and projects, field trips and placements to gain insight into workplace and impart job experience.
- Conducted individual and collaborative research projects to produce and publish articles in peer-reviewed journals.
- Participated in outreach activities undertaken by department and school to promote and develop links with industry and community partners.
- Collaborated with academic colleagues to develop new courses, incorporate curriculum changes and develop research activities.

April 2016 - October 2016

Tutorial Fellow (PhD Fellowship program) Jaramogi Oginga Odinga University of Sci. and Tec. | Nairobi, Kenya

- Supported academic teaching alongside PhD work
- Kept accurate records of student grades, attendance, and email communication
- Networked and built a strong presence with peers to facilitate professional relationships.
- Held regular student meetings to communicate strengths, weaknesses, and areas for learning development.
- Used diverse teaching methods, including lectures, presentations, and class activities to deliver curriculum.

January 2014 - April 2016

Research Fellow World Agroforestry Centre - ICRAF | Nairobi, Kenya, Kenya

- Provide leadership in the national assessment process and stakeholders' requirements implementation
- Developed high-performing teams by providing mentorship, guidance, and opportunities for professional growth
- Any other duties as the job may demand., to Climate change Scientist
- Conducted comprehensive literature reviews to identify knowledge gaps and inform future studies using the Normalized Difference Vegetation Index (NDVI) and the Enhanced Vegetation Index (EVI)

- Satellite vegetation index data (normalized difference vegetation index (NDVI), enhanced vegetation index (EVI), and Leaf area index (LAI)) cleaning
- Downloading Advanced Very-High-Resolution Radiometer (AVHRR) and Moderate Resolution Imaging Spectroradiometer (MODIS) data for management and analysis
- Downloading and processing climate dataset for use as covariates in the modelling process
- Management and analysis of the unit's data to achieve optimal efficiency
- Maintain the quality and integrity of the data systems using R software for programming
- Supporting the publication of research outputs in peer review articles.



August 2012 - January 2014

Data Specialist and R Programmer World Agroforestry Centre - ICRAF | Nairobi, Kenya

- Validated incoming data against quality standards to eliminate irrelevant or unusable information
- Analyzed and tracked data to prepare forecasts and identify trends.
- Analyzed operational improvements against KPIs to measure progress.
- Collected, organized, and inputted information into databases for storage.
- Enhanced data accuracy by implementing efficient data validation processes and automating manual tasks
- Reviewed and updated client correspondence files and database information to maintain accurate records
- Maintained open lines of communication with team members, fostering a collaborative environment that facilitated mutual learning and professional growth
- Training of data handlers and field assistants on the use of data collection tools for large scale household surveys and supervising their use in the field
- Developing of mobile applications for collecting data in KoBo and ODK
- Management and analysis of the unit's data to achieve optimal efficiency, and maintain the quality and integrity of the data systems using R

LANGUAGES

English: First Language

English:	C2	Kiswahili:	C2
			
Proficient		Proficient	

PUBLICATIONS

- Okanda, I., **Okuto, E.**, Abuonji, E., Sadia, M., Owili, P., Lakati, A., & Ayodo, G. (2023). The RTS, S/AS01E Vaccine Uptake and Non-Compliance Risk to Malaria in Children 6-36 Months in Western Kenya. *African Journal of Health Sciences*, 36(5).
- MA Odhiambo, C Olweny, **E Okuto** (2022). Habitat preference and distribution of crickets (Orthoptera; Gryllidae) in Western Kenya. *J. Biol., Agric. Healthc.* 12(6). doi:10.7176/JBAH/126-04.
- MA Odhiambo, CO Ochia, **EO Okuto** (2022). Effects of temperature on the development and survival of cricket species; Acheta

- domesticus and *Gryllus bimaculatus* (Orthoptera: Gryllidae). East Afri. J. Agric. Biotechnol. 5(1). doi:10.37284/eajab.5.1.834.
- M Ojala, R Magwanga, **E Okuto**, B Muok, J Kipyegon (2022) ecological diversity and contribution of edible insects to household food security. Int. J. Res. Agric. Food Sci. ISSN: 2208-2719. doi:10.53555/gafs.v8i2.1930.
 - J Liu, RO Magwanga, Y Xu, T Wei, JN Kirungu, J Zheng, Y Hou, Y Wang, SG Agong, **E Okuto**, K Wang (2021) functional characterization of cotton C-repeat binding factor genes reveal their potential role in cold stress tolerance. Front. Plant Sci. 12:766130.
 - CA Ng'ong'a, CO Gor, **EOA Okuto**, KO Ouko (2021) Economic efficiency of cricket production reared under improvised cage system for improved food production. Afri. J. Agric. Res. 17(11):1453-1462.
 - M Orinda, **E Okuto**, M Abwao (2021) Cage fish culture in the Lake Victoria region: Adoption determinants, challenges and opportunities. Int. J. Fish. Aquac. ISSN: 2006-9839. 13(2):45-55. doi:10.5897/IJFA2020.0798
 - J Ongoma, AD Anekeya, **EO Okuto** (2021) Optimal allocation in small area mean estimation using stratified sampling in the presence of non-response. Int. Journal of Stat. Distrib. Appl. ISSN: 2472-3487 (Print); ISSN: 2472-3509 (Online), 7(1):13-24. doi:10.11648/j.ijstd.20210701.13
 - F Oluoch, G Ayodo, F Owino, **E Okuto** (2020) The Cost-implications of reaching universal coverage of maternity health services in Siaya County, Western Kenya. Public Health Res. p-ISSN:21677263 e-ISSN: 2167-7247;10(1): 1-11. doi:10.5923/j.phr.20201001.01.
 - F Oluoch, G Ayodo, F Owino, **E Okuto** (2020) Modelling the impact of traveling time on the utilization of maternity services using routine health facility data in Siaya County, Western Kenya. Am. J. Geogr. Inf. Syst. p-ISSN: 2167-7263 e-ISSN: 2167-7247; 9(1):1-12, 2020. doi:10.5923/j.ajgis.20200901.01.
 - F Oluoch, G Ayodo, F Owino, **E Okuto** (2020) Computing the geographic extent of maternity health services to predict the utilization of skilled delivery in Siaya County, Western Kenya., Eur. Sci. J. 16(3). ISSN:1857-7881 (Print) e-ISSN:1857-7431. doi:10.19044/esj.2020.v16n3p488.
 - CA Ngonga, CO Gor, **EO Okuto**, MA Ayieko (2020) Growth performance of *Acheta domesticus* and *Gryllus bimaculatus* production reared under improvised cage system for improvised cage systems and food security. J. Insects Food Feed 7(3):301-310. doi:10.13140/RG.2.2.28232.24328.
 - N Adera, **E Okuto**, M Ogayo, G Ayodo (2018) Modelling of in-patient bed capacity in a Public Referral Hospital in Western Kenya: A Case Study of Jaramogi Oginga Odinga Teaching and Referral Hospital, 2018. Int. J. Math. Comput. Sci. 2(3):2933. doi:http://www.aiscience.org/journal/ijmcs.
 - SO Ojunga, JO Nyakinda, **E Okuto**, JA Mullah (2020) Extensions of Lefkovich matrix for modeling invasive *Cestrum aurantiacum* population dynamics. Mathematical Theory and Modeling. ISSN:2224-5804 (Paper) ISSN:2225-0522 (Online).10(7).
 - SO Ojung'a, JO Nyakinda, **E Okuto**, JA Mullah (2019) Invasive Species Population Status Modeling Using Stage Based Matrix: Mount Elgon Ecosystem. Math. Theory Model. ISSN 2224-5804 (Paper) ISSN 2225-0522 (Online) 9(2). doi:10.7176/MTM.
 - SO Ojung'a, JO Nyakinda, **E Okuto**, JA Mullah (2020) Sensitivity analyses of population projection matrix of *Cestrum aurantiacum*. Int. J. Stat. Appl. Math. ISSN:2456-1452, 5(6):43-47. doi:10.22271/math.2020.v5.i6a.612.
 - M Marshall, **E Okuto**, Y Kang, E Opiyo, M Ahmed (2016) Global assessment of Vegetation Index and Phenology Lab (VIP) and Global

Inventory Modeling and Mapping Studies (GIMMS) version 3 products. Biogeosciences. 12:9081–9120. doi:10.5194/bgd-12-9081-2016

- J Ondulo, **E Okuto**, M Muga, D Omondi, C Obonyo (2017) Recurrent malaria in Kenya and equality of survival distribution functions. *J. Math.* 4(4). ISSN:2349-5375.
- **E Okuto**, B Omolo, O Ongati (2018) Reconstructing global earth observation-based vegetation index records with stochastic partial differential equations approach. *Int. J. Stat. Appl. Math.* 3(4):109-120.
- **E Okuto**, O Ongati, B Omolo (2018) Reconstructing earth observation vegetation index records with a Bayesian spatiotemporal dynamic model. *Int. J. Stat. Appl. Math.* 3(4):74-84.
- **E Okuto** (2018) Binomial mixture based on generalized four parameter beta distribution as prior. *Int. J. Stat. Appl. Math.* 3(4):65-73.
- J Ondulo, **E Okuto**, M Muga, D Omondi (2017) Recurrent malaria In Kenya: Survival distribution an equality of survival distribution OC. *J. Math.* 4:2349-5375.
- S Magundo, G Muhua, **E Okuto** (2018). Multiple Discriminant analysis as applied to language distinction. *Bull. Math. Stat. Res.* 6(3).
- **E Okuto** (2018) Application of three parameters generalized Beta I distribution in Binomial mixture. *Bull. Math. Stat. Res.* 6(3)
- **E Okuto** (2018) Spatial areal data analysis with application to various Tuberculosis outcomes in Kenya. *Bull. Math. Stat. Res.* 6(3).
- A Otwande, **E Okuto**, J Ottieno (2018) Bayesian estimation of probability of contamination under group screening design, *Bull. Math. Stat. Res.* 6(3).
- **E Okuto** (2018) Binomial mixtures based on Beta I distribution and its generalizations to a two-stage group screening design. *Bull. Math. Stat. Res.* 6(3)
- A Otwande, **E Okuto**, J Ottieno (2017). Posterior Distribution of Beta Binomial mixture based on Beta II as prior distribution. *J. Math.* 4(4). ISSN:2349-5375.
- A Otwande, **E Okuto**, J Ottieno (2017) Fitting a recursive model for the Beta II - Binomial mixture into other recursive models: A case of Binomial generalized Gamma distribution, *Int. J. Sci. Eng/ Res.* 8(11):726. ISSN 2229-5518.
- Yu HaiYing, Yu HaiYing, Xu JianChu Xu JianChu, **E. Okuto**, and E. Luedeling. "Seasonal response of grasslands to climate change on the Tibetan Plateau." (2012): e49230.

SUPERVISION

- Irene Okanda; MSc in Epidemiology and Biostatistics; Graduation March 2024; University – Jaramogi Oginga Odinga University of Science and Technology (JOOUST)
- Samson Ojunga; PhD in Applied Statistics; Graduation 2021; University – Jaramogi Oginga Odinga University of Science and Technology (JOOUST)
- Felix Oluoch; PhD in Public Health; Graduation 2023, University JOOUST
- Marth Odhiambo; PhD IN Food security and sustainable agriculture; Graduation 2023; JOOUST
- Andrea Otwande; PhD in Applied Statistics; Graduation 2019; JOOUST
- Irene Okanda; Msc in Public Health; Graduation 2024; JOOUST
- Noah Adera; MSc in Biostatistics and Epidemiology; Graduation 2021; JOOUST

- Ongoma Jackson; MSc in Statistics; Graduation 2021; Masinde Muliro University of Science and Technology
- Charles Ngonga; MSc in food security and sustainable agriculture; Graduation 2021; JOOUST.
- Shukrani Mugundo; Msc in Statistics; Graduation 2018; Catholic University of Eastern Africa (CUEA)
- Ndurya Ngolo; Msc in Statistics; Graduation 2018; CUEA

GRANTS

- ERASMUS Project by the European Commission based in Germany - Cooperation for Holistic Agriculture Innovation Nests in Sub-Saharan Africa: Curricula innovation - Developing competency-based master curriculum on Food Value Chain (FVC) at 6 partners Higher Educational Institutions (HEIs). Amount: 75761 Euros (KES 11,288,389). 2023- 2026. **Funded & Co-PI**
- SIFA FW3 Call: (Call identifier SIFA FW3/CFP/1/2022) by the European Union, the first Call of Funding Window III from the SIFA FC Financing Facility, Amount: Euro 267,028.20 Title: Developing Skills for Bioenergy Production from Fortified Water Hyacinth. 2023. **Not Funded & PI**
- Using Community Responsive Dialogue to Tackle Noncommunicable Diseases Vulnerabilities and Policy Implementation Barriers Among Underserved Urban Communities in Kenya and Ethiopia (Adkin Cities Project). Global Alliance for Chronic Diseases (GACD) through the Canadian Institute of Health Research with focus on NCD in cities. Amount: \$2,000,000. Submitted through Canadian-based Nominated Applicant. 2023. **Not Funded & Co PI**
- The Science Granting Council's Initiative (SGCI) 2022 - IDRC's Head Office is located in Ottawa, Canada. Canadian\$ 1,350,000 Title: Advancing Data and Evidence-Based Science for Policy Formulation and Decision Making by Science Granting Councils in Sub-Saharan Africa. 2022. **Not Funded & Co PI**
- Bio-innovate Africa - International Centre of Insect Physiology and Ecology – ICIPE, Duduville Campus, Kasarani, Kenya. Bio-innovate: USD 1 Million Title: An Alternative Source of Income for Strengthening Food Security and Livelihood Resilience of Rural Farming Communities. 2022. **Not Funded & Investigator**
- European & Developing Countries Clinical Trials Partnership (EDCTP) Capacity Development of Applied Epidemiologist in East Africa Region (750,000 EUROS). 2021-2023. **Funded & Investigator**
- The Food and Agriculture Organization (FAO) - Viale delle Terme di Caracalla 00153 Rome, Italy. FAO: KES 15 million. Piloting of blended learning course in nutrition and food systems. 2020. **Not Funded & Co PI**
- IDRC - International Development Research Centre, Ottawa, Canada. *IDRC: KES 100 million.* Bridging labor market and women entrepreneurship inequality through mentorship programs, business models and policy advocacy in lake victoria basin, Kenya. 2020. **Not Funded & Co PI**
- Lacuna Fund (collaborative between The Rockefeller Foundation, Google.org, and Canada's International Development Research Centre). *Lacuna: KES 100 million.* Title: Monitoring croplands in low- and middle-income regions of Kenya using Earth observation data and Machine learning algorithms. 2020. **Not Funded & PI**
- Nuffic OKP TMT-Royal Tropical Institute (KIT), Sustainable Economic Development and Gender Unit, The Dutch Organisation for Internalisation in Education, Netherlands. *NufficOKP-TMT: KES 50 million.* Strengthening farmer-led, climate-resilient innovation for agri-

entrepreneurship and food and nutrition security. 2020. **Not Funded & Co PI**

- Urban Health in the United Kingdom. Urban health: KES 100 million. Adaptation of responsive and sustainable approaches for prevention and control of respiratory infectious diseases within the context of Covid-19 Pandemic in the informal urban settlements in sub-Saharan Africa. 2020. **Not Funded & PI**
- Women's Economic Empowerment and Digital Finance (WEEDiFine), BRAC Institute of Governance and Development (BIGD) in Dhaka, Bangladesh. *WEE-DiFine: KES 33 million*. The Impact of Digital Financial Services on Economic Empowerment Among Women Fisherfolk in Lake Victoria Region. 2020. **Not Funded & Investigator**
- Innovative Approaches for Prevention and control of COVID-19 through an integrated enhanced contact tracing System and community engagement in Western Kenya. NRF Kenya: Amount KES 19,815,000. 2020. **Not Funded & PI**

INSTITUTIONAL SUPPORT/CONSULTANCIES

- Gender analysis in support of “Strengthening Jaramogi Oginga Odinga University of Science and Technology’s Capacity in Natural Resource Management, Food Security and Health”; **Responsibility:** Co-team leader: Questionnaire programming on ODK, Data analysis, report writing, and dissemination; **Institution:** Vlaamse Interuniversitaire Raad – Universitaire Ontwikkelingssamenwerking (VLIR-UOS); **Year:** 2021
- Kisumu county climate change vulnerability assessment; **Responsibility:** Data handler, Questionnaire programming on ODK, Data analysis, and reporting; **Institution:** Transparency International; **Year:** 2020
- Household survey on socio-economic profile, agricultural activities and climate risks faced and on-farm adaptations for Large-scale Ecosystem-based Adaptation (EbA) in the Gambia River Basin; **Responsibility:** Data handler: Data analytics, mapping and reporting; **Institution:** World Agroforestry Centre (ICRAF); **Year:** 2021
- Baseline survey of the Laikipia, Isiolo, Samburu Transforming the environment through nexus (LISTEN); **Responsibility:** Data handler: Questionnaire programming on ODK, Data analysis, and reporting; **Institution:** SNV, Netherlands; **Year:** 2021
- Vegetation monitoring for Large-scale Ecosystem-based Adaptation (EbA) in the Gambia River Basin; **Responsibility:** Data handler: Data analytics, mapping and reporting; **Institution:** World Agroforestry Centre (ICRAF); **Year:** 2021
- Baseline evaluation of Community Forest (CF) and Community Protected Areas (CPA) for Large-scale Ecosystem-based Adaptation (EbA) in the Gambia River Basin; **Responsibility:** Data handler: Data analytics, mapping and reporting; **Institution:** World Agroforestry Centre (ICRAF); **Year:** 2021
- Baseline survey on the promotion of climate resilient communities and capacity building of local institutions and community organizations in Isiolo county (Chari, Cherab, Sericho, Garbatulla, Kinna and Oldonyiro wards); **Responsibility:** Data handler: Questionnaire programming on ODK, Data analysis, and reporting; **Institution:** Hoffnungszeichen — Sign of Hope and Merti Integrated Development Program (MIDP); **Year:** 2022

DRIVING LICENCE

Undergone a 1-month Driving Course “Class B2 formally BCE” at Imperial Driving School Homabay. Awarded a valid driver's license for the same class – March/April 2024.

HOBBIES AND INTERESTS

- Dancing

REFERENCES

1. Prof. Bernard Omolo, Ph.D.
Division of Mathematics & Computer Science
University of South Carolina-Upstate
Phone: (+254) 720556171
Email: bomolo@uscupstate.edu
Role: **PhD Advisor/Mentor and collaborator**
2. Prof. Lango Odondi, PhD
Associate Director (Statistics and Decision Sciences)
Johnson & Johnson
Phone: (+254)714202500/ (+44) 7929094537
E-Mail: lango.odondi@gmail.com
Role: **PhD Advisor/Mentor and collaborator**
3. Prof. Benard Okelo, PhD
Dean (School of Biological, Physical, Mathematics and Actuarial Sciences (SBPMAS))
Jaramogi Oginga Odinga University of Sci. and Tech.
P.O. Box 210 - 40601 Bondo – Kenya.
Phone: (+254) 723397455
E-Mail: bnyaare@yahoo.com
Role: **SBPMAS Academic and Administrative Head**