

## Dr. Mathew Kinyua Karia, PhD

### Lecturer/ Researcher/ Speech & Language Pathologist

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#### Lecturer- Speech & Language Pathology; Kenyatta University

##### Profile

Dr. Mathew Kinyua Karia (PhD) is a Lecturer Department of Special Surgery- ENT (Speech & Language Pathology Program)-Kenyatta University (Nairobi-Kenya). He is the pioneer trainer in Speech and Language Pathology in Kenya. He is also a consultant in the field of Speech and Language Pathology. His research interests are in the area of Speech and Language Pathology, Hearing Impairment, Inclusive Education, Neurolinguistics, Phonetics, and Phonology. He is also a consultant speech therapist as well as a volunteer speech therapist with Operation Smile Inc., a USA based NGO as well as Starkey Hearing Technologies.

Dr. Karia holds a Doctor of Philosophy (Phonetics/Speech & Language Pathology) from Cologne University (Germany), M. A (Linguistics/ Phonology) from Kenyatta University (Kenya), and B.Ed (Arts- English/Literature) from Kenyatta University.

##### Personal Details

E-Mail: [karia.mathew@ku.ac.ke/mathewkinyua@yahoo.com](mailto:karia.mathew@ku.ac.ke/mathewkinyua@yahoo.com)

Nationality: Kenyan

Gender: Male

Languages: Kikuyu, Kiswahili, German, English

##### Education Background

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#### ACADEMIC QUALIFICATION/TRAINING

INSTITUTION AND LOCATION	Certificate		Completion Date	FIELD OF STUDY
Kahuru Primary School-Nyeri, Kenya	KCPE		1993	Primary Education
Nyeri High School-Nyeri	O-Level-KCSE		1997	O-Level
Kenyatta University-Nairobi, Kenya	Bachelor of Education		Oct, 2002	BED(English/Lit)

<b>INSTITUTION AND LOCATION</b>	<b>Certificate</b>		<b>Completion Date</b>	<b>FIELD OF STUDY</b>
Kenyatta University- Nairobi, Kenya	MA	Thesis title: <i>‘Phonemic Variation in the Language used by Children with Cleft Lip and Palate in Kenyatta National Hospital’</i>	Oct, 2007	Clinical Linguistics/Phonology
Operation Smile- Norfolk, Virginia-USA	PTP		June, 2008	
Cologne University- Cologne, Germany	PhD	Thesis title: <i>‘Analysis of Dysarthric Speech after a Traumatic Brain Injury: A Gestural Approach’</i> (published and available at Amazon.de & <a href="http://www.verlagdrkovac.de/978-3-8300-8095-4.htm">http://www.verlagdrkovac.de/978-3-8300-8095-4.htm</a> )	July, 2014	Phonetic/Neurolinguistics (Speech Pathology)

#### **A. Employment History**

<b>Year (from-to)</b>	<b>Organization</b>	<b>Position held/Responsibility</b>
2014-to date	Kenyatta University	Lecturer/coordinator, Speech & Language Pathology. Department of Special Surgeries- ENT Section
2009-2014	Kenyatta University	Tutorial Fellow-English & Linguistics Department.
2004- to date	Operation Smile	Speech Therapist

#### **B. Research Experience**

##### **i. Grants awarded**

1. National Research Fund- **Management of Communication Disorder through Community-Based Rehabilitation.** ( Ksh 19 million)Multidisciplinary Research Project
2. **Speech Base project is funded by DAAD- Germany-** Development of a digital teaching- and learning platform (Speech Base) for information, awareness raising and training of different target group: Partners- Kenyatta University- Department of Early Childhood and Special Needs (**Team Member**), Nairobi-Kenya; Leibniz University- Department of Speech and Language Pathology; Hanover-Germany; University of Pretoria- Department of Speech and Language Pathology; South Africa; Kilimanjaro Christian Medical Centre-

Medical School; Moshi, Tanzania; Muhimbili University of Health and Allied Sciences- ENT department; Dar es Salaam-Tanzania

3. **PAGEL- Establishment of speech clinic and clinical capacity building in East Africa.** (Knowledge Transfer by Global Unity)-Funded by DAAD. 150,000 Euro. Team member in collaboration with Leibniz University of Hannover, Kenyatta University-Kenya, Muhimbili University-Tanzania & Kymbogo University-Uganda.
4. **Community Satisfaction on use of Hearing Aids and Speech Rehabilitation in the Democratic Republic of Congo.** Funded by Starkey Hearing Foundation, USA. 5000 USD. September, 2016. Principal Investigator.

## ii. Consultancies

1. Development of Scope of Service and mentorship manual Higher Diploma in Clinical Medicine and Surgery (Speech and Language Pathology- for Clinical Council of Kenya-2022.
2. Development of Higher Diploma in Clinical Medicine and Surgery (Speech and Language Pathology- For Kenya Medical Training College- 2021
3. Consultant on community health care for hearing impairment 2015-2016 funded by Starkey Hearing Foundation. Involved Kerugoya School for the Deaf, Machakos School for the Deaf, Humble Hearts, and Martin Luther. Project aim is to train teachers and parents in use of verbal communication among children with hearing impairment.
4. STARKEY Hearing Foundation 2015-2020 ‘Team member in Research and Consultations’
5. Consultant with Kenya National Examination Council (KNEC) to head report writing team for National Assessment Center Monitoring Learner Achievement (NASMLA) Class 3, 4th July to 14th July 2016 and Monitoring Learner Achievement (MLA) Form 2, 17th July to 2nd May 2017
6. Developing a scheme of service for Audiologist and Speech and Language Therapists to be held on 3rd – 13th May, 2016 at Simba Lodge in Naivasha.
7. Training Teachers in English Methods. European Union and IAS (Somalia). January 2008, Sheilhk and Berbera region, Somaliland.

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### **Current Position:**

Lecturer & Coordinator- Speech and Language- Department of Early Childhood & Special Needs, Kenyatta University

Consultant Speech Therapist

### **Membership in Professional Associations**

Association of Speech and Language Therapist-Kenya: Member No: AASLT056,  
KENYA HEALTH PROFESSIONS OVERSIGHT AUTHORITY NO; KHPOA /AT0140323

**Reviewer:** South African Journal of Childhood Education

**External Examiner-**Dept. Speech-Language Pathology & Audiology  
Faculty of Humanities- University of Pretoria-South Africa.

**External Examiner**-Dept. Clinical Medicine and Surgery (Speech and Language Pathology- Kenya Medical Training College- Nairobi, Kenya.

### **Publications, Research & Seminar:**

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- ✓ Maureen Stephanie,T. Abuom, **M. Karia** (2024) Phonological Disorders As A Determinant Of Speech Intelligibility Among Learners With Down Syndrome In Public Primary Schools, Nairobi County, Kenya.*European Journal of Special Education Research* Volume 10 Issue 3.
  - ✓ Ndiema, Dalphine & T., Abuom & **M., Karia**. (2024). The Status of Health Professionals' Knowledge of Complications of Impaired Deglutition among Acute-Care Inpatients in a Kenyan Referral Hospital. *International Journal of Research and Innovation in Applied Science*. IX. 195-205. 10.51584/IJRIAS.2024.905017.
  - ✓ Ndiema, Dalphine & T., Abuom & **Mathew, Karia**. (2024). Health Professionals' Identification Levels Of Risk Factors: In View Of The Management Of In-Patients Admitted With Upper Gastrointestinal Tract Swallowing Disorders In A Kenyan National Hospital. *International Journal of Research and Scientific Innovation*. 11. 740-751. 10.51244/IJRSI.2024.1103052.
  - ✓ Ndiema, Dalphine & Abuom, T & **Mathew, Karia**. (2024). Health Professionals' Awareness of Signs and Symptoms of Oropharyngeal Dysphagia among inpatients at a Level -Six Referral Hospital in Kenya. *International Journal of Research and Scientific Innovation*. 11. 369-380. 10.51244/IJRSI.2024.1103026.
  - ✓ Ndiema, Dalphine & T., Abuom & **Mathew, Karia**. (2023). A Descriptive Retrospective Review On The Epidemiology Of Oropharyngeal Dysphagia In The Acute-Care Facility Of A Kenyan (Level-Six) National Hospital. *Journal of Nursing and Health Science* 12. 20-28. 10.9790/1959-1206062028.
  - ✓ Okindo, E.; **Karia, M.**; Abuom, T. (2023) Influence of Speech Disorders On The Development Of Social Skills Among Preschoolers In Meru County, Kenya. *Journal Of Humanities And Social Science (IOSR-JHSS)* Volume 28, Issue 6, Series 2 (June, 2023) 33-40.<https://www.iosrjournals.org/iosr-jhss/papers/Vol.28-Issue6/Ser-2/E2806023340.pdf>
  - ✓ Okwach L.; Isanda, B. & Karia, M. (2023) Teachers' and caregivers' Awareness of Using Hearing Aids and Auditory Verbal Therapy Strategies for hard of hearing of Learners with Speech Enhancement in Machackos School for the Deaf, Machackos County. *Journal of Research in Education*, Vol.13Issue 6. Pg19-30. <https://www.iosrjournals.org/iosr-jrme/papers/Vol-13%20Issue-6/Ser-1/C1306011930.pdf>
  - ✓ Ulrike M. Lüdtke, Edward Kija, **Mathew Kinyua Karia (eds)** (2023) *Handbook of Speech-Language Therapy in Sub-Saharan Africa Integrating Research and Practice*. Springer; ISBN: 978-3-031-04504-2. <https://link.springer.com/book/10.1007/978-3-031-04504-2>
  - ✓ **Karia, Mathew**. (2023) Using Acoustic Phonetics in the Assessment and Treatment of Speech Disorders. In Ulrike M. Lüdtke, Edward Kija, Mathew Kinyua Karia (eds). In *Handbook of Speech-Language Therapy in Sub-Saharan Africa Integrating Research and Practice*. (pp 441-452): Springer (2023)
  - ✓ Nelly Were Otube and **Mathew Kinyua Karia**. Critical Components in Inclusion of Learners with Cerebral Palsy and associated Communication Disorders. Ulrike M. Lüdtke,

- Edward Kija, Mathew Kinyua Karia (eds) In *Handbook of Speech-Language Therapy in Sub-Saharan Africa Integrating Research and Practice*. (pp 673-672): Springer (2023)
- ✓ Lawrence Eron.; **Mathew Kinyua Karia** ;Nelly Otube, Meinen, R.; Lüdtke, U.; ; Gremmelt, S. & Becky Isanda. (2023) Development of Mobile SLT Clinics – an Example of East Africa.) In *Ulrike M. Lüdtke, Edward Kija, Mathew Kinyua Karia (eds) Handbook of Speech-Language Therapy in Sub-Saharan Africa Integrating Research and Practice*. (pp 515-534): Springer (2023)
  - ✓ Bundi, Irene Gatwiri, **Karia, Mathew**, Abuom, Tom (2021) Effects of Velopharyngeal Insufficiency on Quality of Life of Adults with Repaired Cleft Palate in Kenyatta National Hospital, Nairobi, Kenya, *Journal of Humanities and Social Science (IOSR-JHSS)*. Volume 26, Issue 9.
  - ✓ Kinuthia , C. **Karia, M.** (2021) Education for Learners with Learning Disabilities during Pandemics Conference Paper presented During the *1st International Conference of School of Education & Human Resource Development* held on 29 and 30th September 2021 at Kisii University.
  - ✓ Araka, Salome Gatakaa , Abuom, Tom , **Karia, Mathew** (2021) Assessment of Effects of Post Laryngeal Cancer Treatment on Voice Function and Communication of Laryngeal Cancer Survivors at Kenyatta National Hospital, Nairobi. *Journal of Humanities And Social Science (IOSR-JHSS)*.Volume 26, Issue 10.
  - ✓ Rule, D. & **Karia, M.** Speech-Language Pathology and Audiology Care in the COVID-19 Era: Shared Experiences. Perspectives: Vol 5 Issue 6. Dec 2020, 177601778. [https://doi.org/10.1044/2020\\_PERSP-20-00183](https://doi.org/10.1044/2020_PERSP-20-00183)
  - ✓ Kwenda, D. & **Karia, M.** (2018) Functional Dysphonia: Diagnosis and Management. *Proceeding of the 26<sup>th</sup> Kenya Ear Nose Throat Society (KENTS) Annual Scientific Conference*. Sarova Woodlands Hotel, Nakuru-Kenya.16<sup>th</sup> -19<sup>th</sup> May, 2018.
  - ✓ Siano O; Abuom, T. & **Karia, M.** (2018) Caregivers Needs for Involvement in Early Intervention for Children with Speech and Language Disorders. *International Journal of Social Sciences and Humanities Research*. Vol 6 Issue 2,pp (6-12)
  - ✓ Siano O; **Karia, M.** & Aboum, T. (2018) Caregivers Extent of Involvement to Early Intervention Program for Children with Speech and Language Disorders in Tenwek Hospital Bomet County, Kenya. *International Journal of Social Sciences and Humanities Research*. Vol 6 Issue 2,pp (13-22)
  - ✓ Mutwiri, C.; **Karia, M.**; & Mugambi, D. (2017) Technology Dilemma: Sustainability of the Laptop Project for Primary School in Teaching and Learning. *Proceeding of The 4<sup>th</sup> Annual Conference on Education and Lifelong Learning*. Kenyatta University Conference Centre, Kenyatta University, 5<sup>th</sup> & 6<sup>th</sup> October, 2017.
  - ✓ **Karia, M**; Mutwiri, D.; & Mugambi, D (2017) Use of Information Communication Technology (ICT) as a Tool for Teaching and Learning among Somali Refugees in Kenya.

*Proceeding of the 14th UKFIET International conference held at Oxford University, London on 5th -7th September, 2017.*

- ✓ **Karia, M.**; Luqman, L.; & Kwenda, D. (2017) Outcome of Training Teachers on Use of Verbal Communication among Children with Hearing Impairment in Kenya: Starkey Hearing Foundation Pilot Project. *Proceeding of the 14th UKFIET International conference held at Oxford University, London on 5th -7th September, 2017.*
- ✓ **Karia, M.** (2017) ‘‘Using Acoustic Phonetics in Clinical Practice’’ *Proceeding of the 6<sup>th</sup> East African International Conference on Communication Disability held at Kenyatta University, Nairobi-Kenya on 10<sup>th</sup> -11<sup>th</sup> February, 2017.*
- ✓ Obure, E.; **Karia, M.**; & Abuom, T. (2017) ‘‘Caregivers Involvement for Effective Early Intervention for Children with Speech/language Disorders in Tenwek Hospital, Bomet County *Proceeding of the 6<sup>th</sup> East African International Conference on Communication Disability held at Kenyatta University, Nairobi-Kenya on 10<sup>th</sup> -11<sup>th</sup> February, 2017.*
- ✓ Muriithi, F. & **Karia, M.** (2017) ‘‘Identification and Assessment of Communication Disorders among School Children: A case of Educational Assessment and Resource Centers (EARC) in Kenya’’ *Proceeding of the 6<sup>th</sup> East African International Conference on Communication Disability held at Kenyatta University, Nairobi-Kenya on 10<sup>th</sup> -11<sup>th</sup> February, 2017.*
- ✓ Munyi, A.; Abuom, T. & **Karia, M.** (2017) ‘‘Teacher Involvement in Enhancing Communication Skills of Children with Speech and Language Disorders in Joy Town Primary School in Kiambu-Kenya’’ *Proceeding of the 6<sup>th</sup> East African International Conference on Communication Disability held at Kenyatta University, Nairobi-Kenya on 10<sup>th</sup> -11<sup>th</sup> February, 2017.*
- ✓ Weda, B. & **Karia, M.** (2017) ‘‘Development of Children with Communication Disability in Informal Settlements: A Case of Kangemi Slums Nairobi County’’ *Proceeding of the 6<sup>th</sup> East African International Conference on Communication Disability held at Kenyatta University, Nairobi-Kenya on 10<sup>th</sup> -11<sup>th</sup> February, 2017.*
- ✓ Macbinji, V.; **Karia, M.** & Mange, D. (2017) ‘‘Working Towards Inclusion of Children Living with Communication Disability in the Education Mainstream in Kenya’’ *Proceeding of the 6<sup>th</sup> East African International Conference on Communication Disability held at Kenyatta University, Nairobi-Kenya on 10<sup>th</sup> -11<sup>th</sup> February, 2017.*

- ✓ Peter, C.; **Karia, M.** & Abuom, T. (2017) ‘‘Effects of Traumatic Brain Injury on the Quality of Life among the Kenya Defence Forces’’ *Proceeding of the 6<sup>th</sup> East African International Conference on Communication Disability* held at Kenyatta University, Nairobi-Kenya on 10<sup>th</sup> -11<sup>th</sup> February, 2017.
- ✓ **Karia, Mathew.**; Isada, B.; Luqman, L.; Buttars, C.; Larsen, J.;Kwenda, D.; Mandigo, F. (2016)‘The Role of Assistive Technology in Mainstreaming Children with Hearing Impairment in Inclusive Classrooms in Kenya: The case of Hearing Aids’ *Proceeding of International Conference: (Dis)ability and the Global 2030 Agenda for Sustainable Development Conference* held at Pwani University, Kilifi-Kenya on 28<sup>th</sup> -30<sup>th</sup> November, 2016.
- ✓ Luqman, L, Buttars, C & **Karia, M.** (2016) Training Teachers and Parents on Verbal Communication among Children with Hearing Impairment: Preliminary results from Schools in Kenya. *Proceeding of The 7th Annual Coalition for Global Hearing Health Conference held* at University of Santo Tomas in Manila, Philippines on October 23-25, 2016
- ✓ Mutwiri, C. & **Karia, M.** (2016) Academic Staff Attitude Towards Open Access Outlets in Disseminating Research Findings in Selected Universities in Kenya. *Proceeding of The 3<sup>rd</sup> Annual Conference on Education and Lifelong Learning.* Kenyatta University Conference Centre, Kenyatta University, 6<sup>th</sup> & 7<sup>th</sup> October, 2016.
- ✓ Management and Administration of a Speech Clinic: Interface of SLP Practice, Training and Research. *PAGEL Workshop* held from 16<sup>th</sup> September – 2<sup>nd</sup> October, 2016 at Leibniz University of Hannover (LUH) - Germany
- ✓ Principal Researcher, *Community Satisfaction on use of Hearing Aids and Speech Rehabilitation*, at Goma and Bukavu Cities, in the Democratic Republic of Congo from 9<sup>th</sup> -13<sup>th</sup> September, 2016.
- ✓ NASMLA Class 3 Main Study data analysis and report writing from 4<sup>th</sup> July to 14<sup>th</sup> July 2016 at Lake Naivasha Panorama Park
- ✓ Luqman, L.; **Karia, M.**; Buttars, C.; Larsen. J.; Mulwafu, W.; & Mukara, K. (2016) Training Teachers and Parents on Verbal Communication among Children with Hearing Impairment: Preliminary results from Schools in Kenya. *Communication Disorders, Deaf*

*Studies & Hearing Aids. Vol. 4, Issue 2, 1000159. <http://dx.doi.org/10.4172/2375-4427.1000159>*

- ✓ **Karia, M.** (2016) Communication Disorders and Speech Therapy Training in Kenya. *Proceeding of the 24<sup>th</sup> Kenya Ear Nose Throat Society (KENTS) Annual Scientific Conference.* Whitesands Beach Resort, Mombasa-Kenya.19<sup>th</sup> -21<sup>st</sup> May, 2016.
- ✓ Development a Scheme of Service for Audiologist and Speech and Language Therapists at was held on 3<sup>rd</sup> – 13<sup>th</sup> May, 2016 at Simba Lodge in Naivasha, Kenya
- ✓ **Karia, M.** & Ndung'u, R. (2015) Technology in Teaching and Learning Phonetics: Focus on Kenya- An African Situation. *International Conference on Language, Learning, & Technology (LLT, 2015)*, Luephana University, Lüneburg-Germany. November 20-21, 2015.
- ✓ **Karia, M. K.** (2014) *Analysis of Dysarthric Speech after a Traumatic Brain Injury: A Gestural Approach.* Dr.Kovic Publication. Hamburg. <http://www.verlagdrkovac.de/978-3-8300-8095-4.htm>
- ✓ **Karia, M,** Grice, M & Mücke, D. (2014) Acoustic analysis of Dysarthric Speech after a Traumatic Brain Injury. *Proceeding of the 10th International Seminar on Speech Production.* Cologne, Germany.5-8 May, 2014.
- ✓ **Karia, M.** (2013)“Role of Speech Therapy in Rehabilitation of Speech’’. Seminar given at Kenyatta National Hospital on June, 2013. Nairobi, Kenya.
- ✓ Workshop on, Dynamic Modelling of Articulation and Prosodic Structure‘ 7-8 May 2012, Cologne-Germany
- ✓ Deep Brain Stimulation in Neurology and Psychiatry-Ethical, Legal, and Social Aspects. International Meeting February 3, 2012. Cologne, Germany.
- ✓ Ndungu, R. & **Kinyua, M.** (2009) Cultural perspective in language and speech disorders. *Disability Studies Quarterly*, vol 29, no.4. <http://dx.doi.org/10.18061/dsq.v29i4.986>
- ✓ Participated in Physician Training Program (PTP) in Norfolk, Virginia, USA. This involved lectures on speech disorders and observations at Children’s Healthcare of Atlanta, Georgia and at Children’s Hospital of The King’s Daughters in Norfolk, Virginia, USA.
- ✓ ‘Phonemic Variation in the Language used by Children with Cleft Lip and Palate in Kenyatta National Hospital’ Unpublished M.A. Thesis. Kenyatta University.



Research Supervision (Completed)

- ✓ Awala, M. (2024) Swallowing Exercises for Improving Speech Production: A Case of Tom Mboya School for Children With Cerebral Palsy, Mombasa County, Kenya
- ✓ Ngugi Janet (2024) Phonological Awareness Instructional Strategies Used by Teachers to Enhance the Literacy Development for Children at Risk for Speech Disorders in Kiambu County, Kenya”
- ✓ Mwangi, A. (2023) Prolonged Speech Technique’s Effectiveness in Treating Stuttering and its Associated Traits Among Adults: Case of Nairobi Stammering Support Group, Nairobi County, Kenya.
- ✓ Okindo, E. (2023) Influence of Speech Disorders on the Development of Social Skills Among Preschoolers in Meru County, Kenya.
- ✓ Araka, S. (2021) Assessment of effect of Post Laryngeal Cancer Treatment on Voice Function and Communication of Laryngeal Cancer Survivors at Kenyatta national Hospital, Nairobi. Unpublished Master thesis. Kenyatta University-Nairobi
- ✓ Wanjiru, B. (2021) ‘Effects of Age At Cochlear Implantation on Language Skills Development Among Children With Hearing Impairment in Nairobi County –Kenya’ Unpublished Master thesis. Kenyatta University-Nairobi
- ✓ Mucheru P.(2021) ‘Analysis of Resources And Approaches Used in Clinical Assessment Of Children From Culturally and Linguistically Diverse Background for Effective Diagnosis of Communication Disorders in Nairobi County Kenya’ Unpublished Master thesis. Kenyatta University-Nairobi
- ✓ Gatwiri, I.(2021) ‘Velopharyngeal Insufficiency and Its Association With Quality of Life of Adults With Repaired/Unrepaired Cleft Palate in Kenyatta National Hospital, Nairobi, Kenya’ Unpublished Master thesis. Kenyatta University-Nairobi
- ✓ Kahenya P.(2020) ‘Analysis of Predictors of Mathematics Performance Among Learners With Dyscalculia in Public Primary Schools in Starehe Sub-County, Kenya’ Unpublished Master thesis. Kenyatta University-Nairobi

- ✓ Gatoho, P.(2020) Motor Speech Skills in Children with Cerebral Palsy: A Case Study of Karatina Special School. Unpublished Master thesis. Kenyatta University-Nairobi
- ✓ Kagundu, F.(2020) ‘Truant Behavior Disorder And its Impact on Academic Performance Among Learners in Public Primary Schools in Nairobi County, Kenya’ County’’Unpublished Master thesis. Kenyatta University-Nairobi
- ✓ Munyi Alusiah Thaara.(2019) ‘‘Teachers’ Role in Enhancing Communication Skills of Learners with Speech and Language Disorders.A case of Joy Town Special Primary School, Kiambu County Kenya.’’ Unpublished Master thesis. Kenyatta University-Nairobi
- ✓ Munyoki, Charles. )2019) ‘Effects of Traumatic Brain Injuries Related Communication Disorders on the Quality of Life Among the Kenya Defence Forces Ex-war Solders’ Unpublished Master thesis. Kenyatta University-Nairobi
- ✓ Obure, Elick. (2018)’’ Caregivers Involvement in Early Intervention Programs for Children With Speech and/or Language Disorders in Bomet County, Kenya’’ Unpublished Master thesis. Kenyatta University-Nairobi
- ✓ Kinuthia, Carol. (2018) ‘’ Impact of Phonological Errors in Language Learning of Learners with Down Syndrome in Nyeri County’’Unpublished Master thesis. Kenyatta University-Nairobi

**Research Supervision (on-going)**

- ✓ Wangui, V. Effect of Computer Assisted Learning on Language Writing among Learner with Hearing Impairment in Kiambu County, Kenya.
- ✓ Kinyua, M. Reading Comprehension Intervention Strategies as Correlates to English Performance Among Grade Four Dyslexic Learners in Nairobi City and Kiambu Counties,Kenya
- ✓ Waruru, J. Analysis of Linguistic Errors Made by Learners With Communication Difficulties: A Case of Kieni East Sub-County, Nyeri County
- ✓ Onaya, C. Effectiveness of Music Therapy Strategies for Improving Communication Skills in Children with Autism Spectrum Disorders Nairobi County, Kenya.

- ✓ Mulina, I. Influence of Access Arrangements on Assessment of Learners with Dysgraphia in Public Lower-Primary Schools in Emuhaya Sub-County, Vihiga County
- ✓ Alwala, M. Impact of Swallowing Exercises on Speech Production: A Case of Tom Mboya School For Children With Cerebral Palsy, Mombasa County, Kenya.
- ✓ Okindo, E. Influence of Speech disorders on the Development of Social Skills Among Preschoolers in Meru County, Kenya.
- ✓ Njoroge, J. “A Study of the Non-target Morphosyntactic Phrase Structure of Intellectually Challenged Learners in Inclusive Schools.”
- ✓ Nguru, P. ‘Effectiveness of Assessment and Placement of Children with Autism in Public Primary Schools in Thika West District, Kiambu County-Kenya’
- ✓ Waweru, N. ‘Analysis of Compensatory Error in Cleft Palate Children.’
- ✓ Ngungi, J. ‘Relationship Between Phonological Awareness And Literacy Development Among Preschool Children with Speech Disorders in Kiambu County, Kenya’
- ✓ Wangombe, A. Effects of Labelling Learners with Learning Disabilities on Their Academic Performance in Public Primary Schools of Nakuru County -Kenya.
- ✓ Yegon, G. Impact of Velopharyngeal Insufficiency on Phonation of English Vowels in Children Individuals with Cleft Palate. A Case Study of Kenyatta National Hospital, Nairobi.
- ✓ Okinyi, J. ‘Effects of Early Assessment of Hearing Impaired Children in Language Development in Nakuru
- ✓ Mwangi, A ‘The Prolonged Speech Technique Effectiveness in Resulting to the Preferred Speech Outcomes in Treating Stuttering in Adults: A Case of Nairobi Stammering and Cluttering Support Group Kenya’
- ✓ Kiongora, L. ‘An Assessment of Intervention Strategies on Acquisition of Writing Skills of Learners With Dysgraphia in Selected Public Primary Schools- Nairobi County, Kenya’
- ✓ Mutege, F. ‘Effects of Stuttering on Students performance in an All Inclusive Public Secondary School in Ganze Sub-County Kilifi County, Kenya’
- ✓ Ooko, L. ‘Barriers of Good Performance in English Language Among Learners with Hearing Impairment in Kilifi County’

- ✓ Ondabu, G. 'Gusii Cultural Gender Stereotype on Performance in National Examination (KISE) in three Mixed Day Schools, Barabu Division, Nyamira'
- ✓ Kiama, W. 'Effects of Cochlea Implant Among Learners with HI in Murang'a County'

Referees:

**Prof. Dr. Martine Grice, PhD** (University of Cologne)

IfL-Phonetik

Herbert-Lewin-Str.6

50931 Köln-Germany

Email: [martine.grice@uni-koeln.de](mailto:martine.grice@uni-koeln.de)

**Prof. Martin C. Njoroge, PhD**

Dean-School of Humanities

United States International University Africa (USIU)

USIU Road, Off Thika Road

Email: [martin.njoroge@gmail.com](mailto:martin.njoroge@gmail.com)

**Dr.Gichuru Mwangi MBChB, MMED (Surgery)**

Neurological Surgery (A.I.I.M.S), Consultant Neurosurgeon

Kenyatta National Hospital

Doctors Plaza Suite 39

Email: [docmwangi@hotmail.com](mailto:docmwangi@hotmail.com)

Nairobi, 27.02.25



Mathew Kinyua Karia