

ALINGWA QUINCY NGENIWE EPSE ANUAFOR

STEM Educator/Public Health Epidemiologist

Limbe, Cameroon

(+237) 675 789 644 / 694 338 286

quincykeys87@yahoo.com; quincy874real@gmail.com

<https://www.linkedin.com/in/alingwa-quincy-ph-d-fellow-5a235a237>

<http://www.anuaforquincy.com>

PROFESSIONAL SUMMARY

Q-----Q

Dynamic and empathetic STEM Educator with 5+ years of track record in teaching diverse science subjects to pupils and students, including children with learning disabilities at elementary school, public health hygiene and sanitation to university students, and food science and nutrition, biology, and chemistry to secondary and high school students. A Ph.D. fellow who can utilize technological and innovative teaching methodologies to translate complex science, technology, engineering, and mathematics (STEM) concepts into engaging and practical learning experiences. Committed to enhancing critical thinking, problem-solving, and evidence-based decision-making in pupils and students of all ages and backgrounds. Skilled in developing age-appropriate curricula that address the learning needs of students and align perfectly with school standards and learning objectives. Experienced in preparing engaging lesson plans and creating inclusive and supportive learning environments that empower students to reach their full potential. Demonstrates exceptional expertise and teaching excellence in diverse settings, including elementary, high schools, colleges, community-based, vocational, and youth-led initiatives. Possesses strong subject matter expertise, a deep understanding of pedagogical best practices, educational technology, and student-centered approaches, and a solid ability to leverage data-driven insights to improve teaching methods continuously. Determined to promote interdisciplinary connections and equip the next generation of problem-solvers with lifelong and world-sought-after skills. Passionate about inspiring learners to pursue careers in STEM and promote their social and civic engagement.

Exceptionally skilled in developing innovative, data-driven solutions that have greatly improved population health. A multifaceted Public Health Epidemiologist with 5+ years of experience in community-based interventions, including disease surveillance of communicable (measles, cholera, and HIV/AIDS) and non-communicable (cancer) diseases. An advocate of digital health technology integration into public health interventions to

enhance health outcomes. Demonstrates expertise in digital health technologies and data analytics to strengthen epidemiological surveillance, reveal disease trends across populations, monitor diseases, and make proposals based on informed public health decisions. Adept at organizing and facilitating capacity-building training of public health professionals and project stakeholders in utilizing innovative technologies, data collection, analysis, interpretation, and recommendations to yield positive health outcomes and facilitate evidence-based decision-making processes. Skilled in conducting population- and community-based research studies, collecting, analyzing, and interpreting quantitative and qualitative data, as well as sound nutrition knowledge, and has conducted studies to assess the microbiological quality of pasteurized foods and nutrition care in cancer patients. Excellent communicator, fluent in English and French, with strong analytical, collaboration, organizational, and relationship-building skills. Ability to collect, interpret, and analyze both qualitative and quantitative data. Can utilize the following software with relative ease: MS Word, Excel, PPT, SPSS, Python, EPI Info, CSpro, AMOS, and digital technological tools.

WORK EXPERIENCE

EDUCATION

➤ **St Michael's Nursery, Primary and Secondary School, Ngeme, Limbe, Cameroon**

Biology and Chemistry Teacher

Sept 2024 - Present

- Taught over 40 students in Biology and Chemistry using diverse teaching methods, including debate style, group discussions, and lively plays, facilitating their understanding of the subjects.
- Assessed and monitored students' progress, actively listening and addressing their learning challenges in time.
- Administered end-of-semester and end-of-year exams and marked and graded students on merit.
- Prepared accurate monthly learning progress reports and submitted them to management for decision-making.

➤ **National School of Local Administration (NASLA), Buea, Cameroon**

Visiting Lecturer

June 2024 - June 2025

- Developed course curricula, teaching over 40+ students about public health, hygiene, and sanitation.
- Prepared engaging lesson plans that meet the learning needs of diverse students.
- Assessed students' understanding of the courses through exams, quizzes, assignments, and group work and improved their overall learning progress by 60%.
- Taught students through lectures, lively discussions, case studies, and practical demonstrations and effectively conveyed complex public health concepts to easy-to-digest forms by all students.
- Performed emerging research, implemented best practices, collaborated with colleagues, and improved the public health, hygiene, and sanitation curriculum by 45%.
- Supervised students end of course projects/dissertations.

➤ **St Michael's Nursery, Primary and Secondary School Ngeme, Limbe, Cameroon**

Coordinator- Special Education Program

Sept 2023 - Present

- Prepare engaging, age-appropriate lesson plans and individualized interventions for children with learning disabilities, including autism spectrum disorder, and improve their learning progress by 15%.
- Analysed pupils/students' results and revealed performance trends to make informed decisions.
- Researched innovative, evidence-based strategies and technologies to meet the needs of children with learning disabilities.
- Worked with other educators, occupational therapists, physiotherapists, and parents.
- Emotionally supported and promoted an inclusive learning environment for all children.
- Facilitated capacity-building and refresher training for 30+ teachers, school administrators, and parents on using technologies to enhance the development of children with disabilities.

➤ **St Michael's Nursery, Primary and Secondary School - Ngeme, Limbe, Cameroon**

General Manager/Classroom Teacher

Sept 2022 - Present

- Drafting the school's program and pedagogic activities.
- Coordinate the special education program with experts in special needs education

- Organizing seminars and training teachers on effectively using digital technologies in a classroom setting.
- recruiting teachers and other staff.
- Teach grade 8 students biology, plan lesson notes, dispense lessons, conduct formative and summative evaluations, and grade students
- Designed, developed, implemented, and evaluated the progress of pedagogic programs across the school's nursery, primary, and secondary sections according to the standards and the school.
- Collaborated with over 30 teaching staff, monitored their performance, and ensured they promoted an inclusive learning environment for 250+ learners.
- Addressed students' worries, collaborated with other school management, facilitated parent-teacher association meetings, and identified strategies to improve student's learning progress.
- Gather feedback (via surveys) about the learning experiences and share findings with school administration, teachers, and parents, improving the quality of the pedagogic programs by 70%.
- Research innovative, evidence-based strategies and technologies to meet the needs of children with learning disabilities.
- Organizing seminars and working with other educators, experts, resource persons, and parents to enhance teaching-learning.
- Emotionally support and promote an inclusive learning environment for all children.
- Facilitated capacity-building and refresher training for 40+ teachers on classroom management strategies, novel teaching techniques, and how digital technologies can enhance the teaching-learning process in a classroom environment.

➤ **Government Technical High School (GTHS), Ombe, Cameroon**

Food Science and Biology Teacher

April 2017 – June 2020

- Taught over 50 students in Food Science and Biology and broke down course content for easy understanding by all students.
- Organized practical sessions and monitored and assessed the exhibition of students' talents in various cooking and food production processes, including baking and winemaking.
- Assessed and graded students based on their performance, identified students with learning difficulties, and developed methods that met the learning needs of these students by 45%.

HEALTH

➤ **The Ministry of Public Health (Littoral Regional Delegation of Public Health)**

Internship/ volunteer worker

July 2020 – November 2021

- Worked at the unit of surveillance and operational research at the Regional Center for the Prevention and Fight against Epidemics (CERPLE), Littoral Regional Delegation of Public Health in collaboration with EGPAF (Elizabeth Glaser Pediatric AIDS Foundation), to investigate and follow-up patient adherence to retroviral drugs in some health districts in the Douala 2 subdivision and the New bell prison.
- Conducted epidemiologic surveillance of the measles outbreak at the Nylon health district (Douala III subdivision) in collaboration with WHO.
- Supported epidemiologic surveillance of COVID-19 response strategies at the Littoral Regional Delegation of Public Health & ensured effective implementation and monitoring of control measures in collaboration with WHO.
- Collected and analyzed quantitative epidemiologic data on the COVID-19 pandemic, mapped the local disease trend, recommended data-driven response strategies, and enhanced disease management by 20%.
- Organized and conducted health education campaigns on COVID-19 response: prevention measures, including mask-wearing, social distancing, and handwashing with soap.
- Assisted in COVID-19 vaccination campaigns and encouraged the population on the vaccine's importance to combat the virus's spread.

➤ **Laquintinie Hospital – Oncological Service, Douala, Cameroon**

Cancer Research Intern

July 2021 – November 2021

- Collected and entered accurate and quality anthropometric data such as cancer patients' height, weight, and body mass index to assess nutritional status.
- Mentored and coached patients and their families on appropriate nutrition and dietary modifications and improved their well-being during treatment.
- Collected, Analyzed, and interpreted quantitative data on assessing nutritional care in cancer patients.
- Derived strategies to improve patient health outcomes and prepared and submitted reports.

YOUTHS AND CIVIC EDUCATION

➤ **Littoral Divisional Delegation of the Ministry of Youths and Civic Education, Douala, Cameroon**

Chief of Service

May 2022 - Present

- Analyse, Plan, implement and evaluate entrepreneurial projects and improve youth economic empowerment and self-sufficiency by 40%.
- Facilitate training workshops on identification of financing opportunities and resources, helping over 50 youths to start and grow their businesses.
- Create and maintain solid relationships with local government and community stakeholders and advocate for youth entrepreneurship and economic development among youths.
- Monitor the progress of the youth-led projects, collect and analyze data, and provide data-driven recommendations, enhancing decision-making processes by 57%.

➤ **Fako Divisional Delegation of the Ministry of Youths and Civic Education, Limbe, Cameroon**

Chief of Service

June 2020-May 2022

- Coordinated awareness-raising and sensitization campaigns for 550+ teenagers in colleges and high schools in the southwest region on the dangers of drug abuse, unprotected sex, crime, and defiant behaviors.
- Organized and delivered educational talks on the respect of state emblems and symbols and cultivated a strong sense of national identity and civic responsibility among 500+ youth.
- Worked in collaboration with local authorities and community stakeholders, identified and addressed root causes of high-risk behaviors among teenagers, and supported their social development.

PROJECT MANAGER

➤ **Cameroon Human Rights Consulting (CAHURIC) Ltd, Limbe, Cameroon**

Assistant General Manager

Jan 2024 - Present

- Collaborated with management in planning, coordinating, and executing research projects on human rights violations and collecting quality and reliable data.

- Gathered and analyzed data on human rights issues, reported findings, and recommended solutions to address the violations adequately.
- Organized awareness-raising campaigns on the protection of fundamental human rights among citizens and vulnerable groups.
- Liaised with CAHURIC and local communities, civil society organizations, and government agencies and facilitated the exchange of information to advance the 2030 human rights agenda.
- Provided administrative and management support to CAHURIC in budgeting, resource allocation, and monitoring and evaluating the progress of the human rights initiatives.

➤ **Cameroon Education Promotion Organization (CAMEPRO), Limbe, Cameroon**

Vice Executive Secretary | Project Manager

Dec 2016 – Jul 2017

- Managed the infrastructural development projects, including constructing St. Michael's Nursery and Primary School and St. Michael's International College, owned by CAMEPRO.
- Oversaw budget allocation and ensured successful and timely completion of the school projects.
- Ensured high-quality standards and compliance with relevant building codes and regulations.
- Secured needed permits, approvals, and support for the school development projects through solid partnerships and resource mobilization strategies.
- Monitored the progress of the projects, identified and addressed challenges and risks, and provided regular updates to CAMEPRO leadership.
- Developed and implemented strategies with the CAMEPRO team, improved the effective management and maintenance of the newly constructed schools, and ensured long-term sustainability.

EDUCATIONAL BACKGROUND

Information and Communication Technology (ICT) University, Yaounde, Cameroon

Ph.D. in ICT in Public Health Epidemiology

Mar 2022 - Ongoing

Catholic University of Central Africa (UCAC), Yaounde, Cameroon

Master's Degree in Epidemiology

Oct 2019 - Jan 2021

University of Douala, Cameroon
Bachelor's degree in biomedical sciences

Sept 2018 – June 2019

Higher Technical Teacher's Training College (HTTC) - University of Bamenda, Cameroon
Technical High School Teacher's Diploma (PLET) in Home Economics

Oct 2014 – Sept 2016

Higher Technical Teacher's Training College (HTTC) - University of Bamenda, Cameroon
Technical Secondary School Teacher's Diploma (PCET) in Home Economics

Sept 2011 – Oct 2014

University of Yaounde I, Cameroon
Biochemistry (2 years study, pending completion)

Oct 2007 - Oct 2010

CONFERENCES & CERTIFICATIONS

ICT for Africa, Online

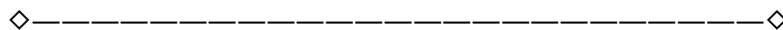
Conference on Digital Transformation: Current Trends and Future Insights
15th Jul 2024

Career4All Academy, Lagos, Nigeria

Project Management Certificate

Oct – Nov 2022

SKILLS AND COMPETENCES



- Perfect mastery of novel pedagogic approaches
- Can identify individual needs of learners and motivate them to study
- Can work with children with learning disabilities
- Ability to translate technical knowledge into practical and impactful solutions
- Ability to develop a comprehensive curriculum per school standards
- Skilled in the development of engaging lesson plans and employment of various teaching methodologies
- Interpersonal, relationship-building, analytical, problem-solving, and organizational skills
- Ability to coach and mentor students and maintain strict confidentiality
- Excellent presentation, diagnostic, and writing skills; can work under tight deadlines & quick to learn
- Proficient in MS Word, Excel, PowerPoint, SPSS, EPI Info, CSpro, AMOS and Internet protocol

- Mastery of data collection, survey development, data analysis using SPSS, and data quality management
- Excellent verbal and written communication skills in English and good working knowledge of French
- Mastery of cancer control and prevention programs
- Expertise in digital health solutions for cancer prevention, early detection, and treatment
- Skilled in epidemiological surveillance and disease monitoring and control
- Ability to use mobile health applications, smartphones, and wearable devices to monitor health outcomes
- Ability to lead cross-functional teams and collaborate with stakeholders
- Mastery of the design, implementation, monitoring, and evaluation of health interventions
- Ability to organize and facilitate capacity building of public health professionals
- Skilled in working with multicultural teams in non-profit organizations and crisis-affected zones
- Awareness raising, sensitization, and educational programs promotions and presentation skills
- Community and youth empowerment in entrepreneurship and advocacy for human rights
- Patient assessment, monitoring, and engagement initiatives
- Holistic, systems-based approach to complex health challenges
- COVID-19 response and prevention strategies.

ARTICLES & PUBLICATIONS

Q—————Q

- Article title: ***Evaluating National Policies on ICT in Cameroon's educational system and their implementation in schools across Fako Division.*** ICT4AFrica Conference. (Pending publication).
- Alingwa-Anuafor, Q., Makafui, N., & Irene, M. (2024). ***The influence of mobile health technologies in enhancing cancer control in low-and-middle-income countries: a systematic literature review.*** ICT4AFrica Conference.
- Alingwa-Anuafor, Q.N., Tadzong-Awasum, G., Anuafor, C. A., Kaba-Andzouana, B. and Chwefung F.N. Ndofo-Foleng, H.M. (2023). ***Socio-Economic and Psychological Factors Affecting the Access to Nutrition care in Cancer Survivors: Case of the Laquintinie hospital Douala.*** International Journal of Current Research in Medical Sciences (IJCRMS). Vol 9 (3). DOI:

<http://dx.doi.org/10.22192/ijcrms.2022.09.03.001>

- Alingwa-Anuafor, Q. N., Njoya, M. A., Ndofo-fole, H.M., Anuafor, C. A. (2023). ***Microbiological quality Assessment of Commercial Yoghurt Brands sold in Bamenda, Cameroon.*** International Journal of Current Research in Medical Sciences (IJCRMS). Vol 9 (3). DOI: <http://dx.doi.org/10.22192/ijcrms.2022.09.03.003>

REFERENCES

Q—————Q

- **Tita Catherine Bih Spouse Baya**, Assistant Head Teacher/Coordinator, Saint Michael's Nursery, Primary and Secondary School, Limbe, Cameroon | catherinetita913@gmail.com; CathyShine2015@gmail.com | +237678678008
- **Dr. Skinner LEKELEM**, head of the Surveillance and Operational Research Unit at the Regional Center for the Prevention and Fight Against Epidemics (CERPLE), Littoral Regional delation of Public Health; lekelemn@yahoo.com: (+237) 697946850
- **Zibara Abdallah**, Senior Lecturer, Department of Information Communication and Technology (ICT), Information Communication and Technology (ICT) University, Yaoundé, Cameroon | abdallah.zibara@ictuniversity.edu.cm | +237651625643
- **Eric Akede Metougue**, Head of Department of Legal Affairs, Ministry of Youth and Civic Education, Yaounde, Cameroon | +237697180848
- **Dr. Mbain Rosaline**, the Unit Head in charge of research, the National School of Local Administration (NASLA)-Buea, rosalinembain11@gmail.com | +237 681960003



Signature