

## Curriculum Vitae

**John Ogony Arudo**



### Personal Details

Date Of Birth	26 <sup>th</sup> August 1960
Nationality	Kenyan
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### Academic Qualifications

Master of Science in Clinical Epidemiology (August 2000 – June 2003):

Erasmus Medical Centre, The Netherlands

Master of Public Health and Epidemiology (September 1997 – October 2001):

Kenyatta University, Kenya

Kenya Registered Community Health Nurse (1993):

Nursing Council of Kenya, Kenya

Bachelor of Science in Nursing (September 1987 – June 1993):

University of Eastern Africa, Baraton, Kenya

Diploma in Diagnostic Radiography (July 1982 – November 1985):

College of Health Professions, Kenya

**Additional Course: *Demography and Health – London School of Hygiene and Tropical Medicine, London (October – December 2001)***

### Awards, Honours and Recognition

**Publications site:** <http://www.pubfacts.com/author/John+Arudo>

June 2018: Appointed Reviewer for *Aids Care – Psychology, Health & Medicine – Vulnerable Children and Youth Studies* (Editor Prof. Lorraine Sherr). The review is on voluntary basis.

June 2014: Appointed Reviewer for the continuing and professional development (CPD) library for nurses and midwives in the East, Central and Southern Africa (ECSA) region. East, Central and Southern Africa College of Nursing (ECSACON), through support from the African Health Professional Regulatory Collaborative (ARC). Reviewer of module content related to **Research Methodology, Biostatistics, Informatics and Epidemiology**.

**Reviewer and Editorial Board Member:** African Journal of Midwifery and Women's Health: MA Healthcare Ltd. Jesses Farm, Snow Hill, Dinton, Wiltshire, SP3 5HN, United Kingdom Tel: +44 (0)1722 716997.

**May 4, 2007:** Rear Admiral (RAMD) Julia Plotnick Publications Award for Health/Nursing Policy. Article **Developing a Nursing Database System in Kenya**. *Health Services Research*, xx:xx [Admiral Plotnick served as USPHS Chief Nurse Officer and Assistant Surgeon General from 1992-1996.]

**Top Twenty Most Cited Papers on Malaria:**

<http://www.esi-topics.com/malaria/papers/a2.html>

**James H. Nakano Citation:** Award for outstanding scientific paper published in 2003 (Efficacy of permethrin-treated bed nets in prevention of mortality in young children in an area of high perennial malaria transmission in western Kenya. *American Journal of Tropical Medicine and Hygiene*, 68 Suppl 4: 23 - 29). Date of award: June 1<sup>st</sup> 2004.

**Honorary Mention:** Excellent Scientific Research Paper (Erasmus Medical Centre, June 2003)

**National Center for Infectious Diseases (NCID):** Honour Award Certificate (2002)  
WOTRO Grant (2000)

Kenyatta University Scholarship Award (1997 - 1998)

University of Eastern Africa, Baraton Honours List (1989-1990)

University of Eastern Africa, Baraton Honours Convocation (1988-1989)

College of Health Professions Best Practical student (1985)

### Professional Experience

September 2020: Member of MMUST Webometrics Management Committee

- TOR:
  - Champion the initiatives to improve MMUST rankings globally, regionally and locally
  - Analyse and interpret the methodology/criteria used to rank Universities
  - Identify thematic areas within the University used by Webometrics to rank Universities; among others

September 2020 to date: Dean, School of Nursing, Midwifery & Paramedical Sciences, Masinde Muliro University of Science and Technology.

*Responsibilities*

- To The Deputy Vice Chancellor, Academic Affairs
- Member of University Senate
- Provide leadership and counsel to faculty staff and students
- Monitor trends in nursing education
- Participate in research
- Ensure adherence to national university regulations
- Maintain accreditation standards
- Establish strategic partnerships
- Teaching: Biostatistics, Research Methodology and Epidemiology (Under-graduate); Biostatistics (Graduate Programme – MScN).

January 2013 – December 2018: Chairman, Department of Clinical Nursing & Health Informatics, School of Nursing & Midwifery, Masinde Muliro University of Science and Technology. I have successfully completed my six-year term during which I facilitated the development of graduate nursing programme, undergraduate Health Records and Health Information Management, a review of Distance Learning Upgrading curricula and supervising five graduate students. During my tenor, undergraduate student enrollment population for distance learning programme increased from 14 (2013) to 200 (2018) with some

of the students registering from hard-to-reach counties such as Turkana and Pokot.

*Responsibilities*

- To The Deputy Vice Chancellor, Academic Affairs
- Member of University Senate
- Oversee the administration and management of the operations of the department including human and fiscal resources
- Establishment and co-ordination of Diploma to BScN Conversion Distance Learning Programme
- Co-ordinate nursing students' experience in the clinical setting
- Supervise and evaluate faculty performance
- Develop, review and appraise Proposals and Strategic plans
- Establish and manage collaboration and networking with national and international institutions
- Co-ordination of research activities
- Teaching: Biostatistics, Research Methodology and Epidemiology (Under-graduate); Biostatistics (Graduate Programme – MScN).

December 2017 – February 2018: Acting Dean School of Nursing, Midwifery and Paramedical Science

*Responsibilities*

- To The Deputy Vice Chancellor, Academic Affairs
- Oversee the administration and management of the operations of School of Nursing, Midwifery and Paramedical Science including human and fiscal resources

February 2013 – Dec 2016: Part-Time Faculty, Mount Kenya University, Kakamega Campus

*Responsibilities*

- Teaching Epidemiology – Graduate and Under-graduate students.

January 2013 to date (with extension in 2019 & 2020): External Examiner: School of Nursing, Department of Community Health Nursing Administration and Education, Moi University, Eldoret Kenya

*Responsibilities*

- Reporting on the standard of examination papers and students' overall performance.

January 2013: Member Board of Examiners, Nursing Council of Kenya

*Responsibilities*

- Review of Nursing Council of Kenya national examination

September 2012: Senior Lecturer, Masinde Muliro University of Science and Technology University, East Africa.

*Responsibilities*

- Co-ordinate research activities and projects within School of Health Sciences
- Assist Chairman of Department of Nursing Sciences in administrative matters
- Member of Board of School of Graduate Studies
- Teaching Research Methodology, Epidemiology and Biostatistics

May 2012: Member - School of Graduate Studies Board, Masinde Muliro University of Science & Technology

*Responsibilities*

- Internal examination of proposals and thesis

April 2012: External Examiner. Nairobi University Institute of Tropical and Infectious Diseases (UNITID) Postgraduate Diploma in Biomedical Research Methodology.

*Responsibilities*

- Reporting on the standard of examination papers and students' overall performance.

April 2011: Lecturer, Masinde Muliro University of Science and Technology

*Responsibilities*

- Chair Research Committee School of Health Sciences
- Co-ordinate research activities and projects
- Teaching

April 1<sup>st</sup> 2011 to date: Member, Research Ethics Committee, Faculty of Health Sciences, Aga Khan University, EA

*Responsibilities*

- Review of proposals for Post-Graduate Medical students

June 2009: Assistant Professor (Senior Lecturer), Aga Khan University, East Africa.

*Responsibilities*

- Co-ordinate research activities and projects within the three Aga Khan University campuses in Kenya, Uganda and Tanzania
- Teaching

March 2008 to March 2011: Project Manager (Ag. Director) - Improving Nursing Education and Practice in East Africa, ACP-EU Project (University of Nottingham UK, University of Iowa US, WHO, Makerere University, Kenyatta University, Zanzibar College of Health Science, and Aga Khan University in East Africa)

*Responsibilities*

- Leadership in the country surveys on advanced nursing practice training needs, competencies, and logistics – Kenya, Uganda, Tanzania
- Leadership in curriculum design and development

See EDULINK Home page: <http://www.acp-edulink.eu/content/inepea-%E2%80%94-improving-nursing-education-and-practice-east-africa>

December 2007 to March 2011: Honorary Lecturer, Post Graduate Medical Education (PGME), Aga Khan University

*Responsibilities*

- Teaching Biostatistics and Bioethics

October 2007 to March 2011: Chairman Research Ethics Committee, Faculty of Health Sciences, Aga Khan University, EA

*Responsibilities*

- Development of Ethics Policy for Aga Khan University, East Africa
- Review of proposals for Post-Graduate Medical students

July 2007 to May 2009: Senior Lecturer Aga Khan University, Advanced Nursing Studies.

January 2006 to March 2011: Regional Research Co-ordinator, Aga Khan University-East Africa, Advanced Nursing Studies

*Responsibilities*

Co-ordinating research activities within the three Aga Khan University campuses in Kenya, Uganda and Tanzania

Achievements:

- Co-ordination of data collection from 20 countries in Africa on health research priorities, policy and governance for Council on Health Research for Development (COHRED - Geneva)
- Responsible for the organization of three international scientific conferences in 2006, 2007 and 2008
- Site Principal Investigation in a collaborative HIV/AIDS study with University of California San Francisco

January 2005 to March 2011: Joint Faculty Post Graduate Medical Education, Aga Khan University, Kenya (Biostatistics, Research Methodology)

November 2004 to 2010: Project Co-ordinator Aga Khan University/African Regional Capacity Building Network for HIV/AIDS Prevention, Treatment and Care Project (World Bank-ARCAN Project)

*Achievements*

- More than 400 senior nurses trained on HIV/AIDS Prevention, Treatment and Care in Ethiopia, Tanzania (including Zanzibar), and Kenya.

April 2004 to June 2007: Lecturer Aga Khan University, Advanced Nursing Studies Programme, (Biostatistics, Research Methodology, Epidemiology, Nursing Informatics)

February 2004 to 31<sup>st</sup> March 2004: Verbal Autopsy Project Co-ordinator, CDC/KEMRI, Kisumu, Kenya

January – April 2004: Verbal Autopsy Project Co-ordinator at CDC/KEMRI, Kisumu, Kenya  
*Responsibilities:*

Oversee day-to-day implementation and continuation of the verbal autopsy studies in the field

Oversee the day-to-day management of the verbal autopsy studies

Collaborate on manuscripts directed by other scientists

Assist in the production of the annual report for DSS

Produce the community newsletter for the DSS three times a year

*Achievements:*

- Development of study instruments
- Extensively used FGDs to develop study instruments on Adult Verbal Autopsy in Western Kenya

October 2003: Appointment as adjunct lecturer, Nursing Department, University of Eastern Africa, Baraton.

September 2003: Part-Time Lecturer, Nursing, Center for Complementary Medicine and Biotechnology, Kenyatta University

1<sup>st</sup> December 2002 – January 2004: Research Officer at CDC/KEMRI, Kisumu, Kenya

*Responsibilities:*

Assisting DSS Demographer: assigned duties – DSS report generation

Monitoring causes of death among children and adults using verbal autopsy

2001 – March 2004: CDC Representative for International organisation for the Demographic Evaluation of Populations and Their Health (INDEPTH) in developing countries. This was a not-for-profit organisation that consisted of 35 health and demographic surveillance system (HDSS) sites in 18 countries in Africa, Asia and Oceania. I was a member of the team responsible for the writing of Causes of Death Monograph

July 1999 – November 2002: Research Officer at CDC/KEMRI, Kisumu, Kenya

*Responsibilities:*

Under-five mortality surveillance: Compared government surveillance system with the project's active surveillance systems mainly the biannual census and vital registration which captured vital events on weekly basis in a study area of over 130,000 population; ascribed causes of death using verbal autopsy method and validated computerized algorithm using verbal autopsy ascribed causes of death as gold standard. Achievement: publication on the results of the projection in a peer reviewed journal.

1993-1998: HIV/AIDS Co-ordinator, Christian Health Association of Kenya, Kendu Adventist Hospital, Kendu Bay, Kenya

*Terms of Reference:*

- Received and reviewed statistics related to HIV/AIDS in the hospital and the unit's catchment area; Co-ordinated awareness within the hospital and in the catchment area; Advised medical director on the use of HIV/AIDS charity funds and other matters related to HIV/AIDS; Monitored trends in HIV infection/control in the hospital and in the community; Organized and facilitated in project seminars; Acted as link between project donors and the hospital; Oversaw HIV/AIDS Home Care and IEC activities in the catchment area.
- The main outcome: This was the first successful Home-Based Care Programme in Kenya. Upon this work, Catholic Relief Services (CRS) has constructed a center for HIV/AIDS patients to receive counseling and ARVs at the Hospital.  
<http://operationalmaata.blogspot.com/2006/08/kendu-bay-adventist-hospital-then-and.html>

### Community Service/Other Assignments

June 2019: Conference Rapporteur. Masinde Muliro University of Science and Technology 13<sup>th</sup> International Conference (19<sup>th</sup> – 21<sup>st</sup> June 2019), Kakamega, Kenya.

January 2019 to date: Director HEREIN Research Advisory Centre: The Centre provides consultations for graduate students and NGOs in the area of research planning, data analysis and manuscript writing. The Centre which is located in Eldoret Town (Kenya) also has satellite centres in Kisumu City and Kakamega Town. It serves graduate students from various universities and currently has 50 students who are at different stages in their research work.  
<https://www.herein.info/>

January 2018: Member of Conference Planning and Scientific Committee for the Global Network of Public Health Nurses 5<sup>th</sup> International Conference, Nairobi – 5<sup>th</sup> – 7<sup>th</sup> March 2019.

June 2016 – To date: Member of Scientific Committee for The Annual Scientific Conference and The Annual General Meeting of National Nurses Association of Kenya (NNA – Kenya).

January 2015: Oversight and Mentorship Role. CESS/MMUST WASH Project. The project brings together CES Canada, MMUST, UNICEF and other partners worldwide with an aim of creating a worm free environment ([www.cescan.ca](http://www.cescan.ca))

October 2014: Research Expert – Rarieda Community Strategy Programme. The Programme works closely with MoH and Plan International. Currently the Programme works with CHVs who are trained on using mobile technology to capture household health variables. The data is directly uploaded into an online site and shared with stakeholders.

April 2014: Master of Science in Nursing Curriculum development for Department of Clinical Nursing and Health Informatics, School of Nursing and Midwifery, MMUST.

July 2012: Curriculum development: Bachelor of Science in Global Public Health – Masinde Muliro University of Science & Technology

May 2012: Curriculum development: Master of Science in Nursing for Department of Nursing Sciences MMUST. The curriculum was adopted from EDULINK-INEPEA curriculum for Advanced Nursing Practice where I was the Project Manager in Aga Khan University. The curriculum has also been adopted by Masinde Muliro University of Science & Technology, Makerere University, Great Lakes University Kisumu, and Mount Kenya University.

May 2012: Task Force Leader – Research and Resource Mobilization and Committee Member: MMUST-Kakamega PGH Inter-Institutional Collaboration Steering Committee.

May 2012: Board Member (Volunteer): Osogo Community –Family Health Initiatives. This is a registered NGO based in Migori with an aim of Improving family's and communities' health by reducing poverty, diseases and other health problems.

February 2012: Presenter during MMUST Careers Week 2011/2012 Academic Year. Topic: *Multi-disciplinary Research in Health Care.*

January 2012: Session Chairman: Conference on *The Future of Nursing Education, Practice and Research in Kenya*. Organizers: Capacity Project, Nursing Council of Kenya, AMREF, Aga Khan University (25<sup>th</sup> – 27<sup>th</sup> Jan 2012)

October 2011: Contributed Research Ethics Policy document which was adopted by MMUST Research Ethics Committee and later approved by National Council for Science and Technology (NCS&T)

April 2011: Research Co-ordinator, Nursing Department, School of Health Sciences, Masinde Muliro University of Science & Technology.

October 2010: Institutional Partner: Kenya Health Workforce Productivity Study. The proposal has been submitted to Centers for Disease Control and Prevention, Atlanta by University of Washington. The team was led by Amy Hagopian of Prevention Research Center.

July 2010: Member Advisory Committee – Trust for Indigenous Culture and Health (TICAH) – funded by Rockefeller Foundation Health Equity Programme.

January - November 2010: Updating Enrolled Community Health Nursing to Diploma in Community Health Nursing Curriculum for Aga Khan University

March 2010: Member of Events Taskforce, Aga Khan University, Karachi, Pakistan

June 2008: Member of the National Steering Committee of the 3rd East African Health and Scientific Conference, Kenya

September 2008: Appointed Instructor for Bircham International University, Spain. As a member of the network of instructors, I evaluate students' work in Kenya. The University offers distance learning education to students in Africa, Americas, and Europe.

January 2007 to December 2008: Data Analyst Task Force for Child Survival and Development (Kenya Nurses Workforce Project)

#### ***Achievements***

- Publication on the database (See Publications Section)
- Produced draft document on Data Protection Policy for the Database which was ratified by the Ministry of Health
- Data cleaning process on track for both the Chief Nursing Officer and Nursing Council of Kenya databases

September 2005 to 2007: Member, Health Workforce Advisory Board (HWAB), Uganda

May 2005 to March 2007: Site Principal Investigator – The Efficacy of HIV/AIDS Symptom Management Manual – A global collaborative study between Nurses HIV/AIDS Network/University of California San Francisco and Aga Khan University, Kenya.

March 2005 to March 2011: Member of Aga Khan Teaching Hospital Research Committee

September 2004 to December 2006: Data Analyst Kenya Nursing Workforce Database (KNWP).

### Research/Consultancies/Trainings/Workshops

December 2020 – November 2021: Co-Investigator: Psychosocial Support Base, Emotional Dissonance and Psychological Burn-Out on Role Performance of COVID-19 Frontline Healthcare Workers in Busia County, Kenya.

This was a University Award (KSh. 1,000,0000)

Roles:

- Proposal writing
- Training of Research Assistants
- Co-ordination of Field Activities
- Data Analysis
- Report Writing

December 2020 – November 2021: Co-Investigator: Home-Based Physical Activities Model for Improving Mental Well-Being of Kakamega County Residents during COVID-19 Pandemic

This was a University Award (KSh. 1,000,0000)

Roles:

- Proposal writing
- Training of Research Assistants
- Co-ordination of Field Activities
- Financial Management
- Data Analysis
- Report Writing

February – March 2021: PedaL Online Training for Transformative Pedagogy. Training participant

October 2020 – January 2021: Development of Standardization Strategic Plan for the Africa 4<sup>th</sup> Industrial Revolution (A4IR). Client: Electrical and Electronics Engineers (IEEE) and African Organization for Standardization (ARSO). Lead Consultant: Measures Africa. My role:

- Inception Report development
- Literature review on strategic objectives
- Development of Theory of Change
- Report writing

November 2019 – June 2020: Landscape Study Report for the 4<sup>th</sup> Industrial Revolution in Africa (A4IR) Standardization Strategy. Client: Electrical and Electronics Engineers (IEEE). Lead Consultant: Measures Africa. My role:

- Inception Report development
- Literature review on current status of 4<sup>th</sup> Industrial Revolution in Africa
- Development of interview guides
- Data collection and report writing

December 2019: Participated in the Review and operationalization of Continuing

Professional Development (CPD) Guidelines. Venue: Gilean Hotel, Machakos (9<sup>th</sup> – 13<sup>th</sup> December 2019).

- Main achievement: Facilitator: Development of accreditation guideline for CPD providers (individual/Organization/Entity).
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August – December 2019: Development of a Policy for Nurses and Midwives in Kenya (2019 – 2029) for Ministry of Health/UNFPA. Individual Consultant. My role included:

- Development and presentation of Inception Report to TWG
- Undertaking stakeholder mapping and document review on Situational Analysis
- Facilitation during consultative meetings with TWG
- Facilitation during validation workshop
- Drafting and finalization of policy document

July 2019: Registered Consultant - UNFPA

July 2019: UNDSS BSAFE Certification

July 2019: Evaluation of the Professional Development and Training Programme (one of the building blocks of Partnership for African Social and Governance – PASGR). Position: Co-Consultant. Role - Data collection in universities (academicians/researchers), civil society organizations, research institutions, parliaments/policy actors in selected African countries. I was responsible for data collection in Nigeria, Zimbabwe, South Africa, among others. The role also included report writing and presentation of results.

June 2019: Curriculum development: Diploma in Kenya registered Community Health Nursing (KRCHN) for Kenya Muslims Charitable Society for the NEP College of Health Sciences based in Garissa.

June 3<sup>rd</sup> – 7<sup>th</sup> 2019: Attended a Workshop on Integrity Assurance Officer Training organized by National Integrity Academy (Ethics and Anti-Corruption Commission – EACC) between 3<sup>rd</sup> – 7<sup>th</sup> July 2019. Currently a certified Integrity Assurance Officer appointed by the University Vice Chancellor and recognized by EACC. Role: Implementing Corruption Prevention Plans and institutionalizing corruption prevention, among others.

July 2018: Third Party Monitoring Services in Puntland, Somaliland and Somalia. Consultancy Team Member. This is a FAO programme. We won a competitive Call for Proposal for Third Party Monitoring Services. I wrote the technical section of the proposal. This was a 10-month programme with a budget of USD. 5.6 Million.

April 2018: Impact Assessment of FAO Livestock Interventions: Treatment, Vaccination, Community Animal Health Workers (CAHWS) and Agro-Pastoral Field Schools in Somalia. Data analysis and report writing.

April 2017: End Term Evaluation. Midwives Training Project. GMP-COCOA Australian-based Project. Aweil State, Northern Bahr el Ghazal, South Sudan. Consultant

April 2017: End Term Evaluation of School Feeding Project. GMP-COCOA Australian-based Project. Marial Bai State, Northern Bahr el Ghazal, South Sudan. Consultant

February 2017: Mapping of Agricultural, Livestock Sectors and NGOs in Gedo and Lower Juba, South Central Somalia. Role: Tool development, data analysis and report writing. SAN Consultancy Firm.

January 2017: Impact Evaluation of Family Strengthening Programmes, SOS Children's Villages, Somaliland. Savana Consultancy and Research Services Ltd. Role: Proposal writing, data analysis and reporting.

December 2016: Support to Farmers: Achieving Quality Farm Produce for Better Market Access, Lower Shabelle Region, South Central Somalia. Savana Consultancy and Research Services Ltd/FAO Programme. Role: Proposal writing, data analysis and reporting.

December 2016: Assessment of Enhanced Transit and Reception Assistance to Voluntary and

- Spontaneous Refugee Returnees in Luuq District, Gedo Region, South Central Somalia; Rajo Consulting/Danish Refugee Council. Role: Data analysis and reporting.
- December 2016: Marketable Skills, Education and Movement Tracking Assessment: Baidoa, South Central Somalia; Rajo Consulting/Danish Refugee Council. Role: Data analysis and reporting.
- November 10 – 12 2016: Participant: *Achieving Sustainable Development Goals- The Health Care Quality Challenge: Making Quality Matter Now and in Future*. Organizers: Aga Khan University, Aga Khan Development Network and Johnson & Johnson. Venue: Safari Park Hotel, Nairobi.
- October – November 2016: Value Chain Analysis and Market Assessment in Jowhar, Balad, Afgoye and Banadir, South Central Somalia. Role: Data analysis and report writing. Partnership: Savana Consultancy and Research Services Ltd.
- June 12<sup>th</sup> – 30<sup>th</sup> 2016: Conflict analysis, stakeholders mapping, assessment of livelihood strategies and coping mechanisms in Baidoa: Sub-contracted Consultant – Data analysis and report writing. Danish Refugee Council.
- June 12<sup>th</sup> – 30<sup>th</sup> 2016: Agriculture mapping survey in Jubbaland Region (Kismayo and Jamame Districts): Sub-contracted Consultant – Data analysis and report writing for Somali Advocacy Network (SAN).
- May 24<sup>th</sup> – 26<sup>th</sup> 2016: “Towards Universal Health Coverage: Innovative Strategies to Enhancing Accessibility.” Masinde Muliro University of Science & Technology International Conference. Role: Member of Abstract Review Committee and Participant.
- May – December 2016: Third Party Monitoring and Verification of UNDP projects in South Central Somalia, Somaliland and Puntland – Execution of Rule of Law. Role: Data analysis and report writing.
- March/April 2016: Episcopal Church of Southern Sudan and Sudan: ECSS&S Health Commission Project Impact Evaluation in Torit and Wau Diocese. Role: Field data collection, analysis and report writing.  
<http://www.abmission.org/pages/why-does-abm-spend-money-on-program-evaluations.html>
- November 2015 – April 2016: Impact assessment study on livestock restocking, vaccination and treatment in Somalia. Client FAO – Somalia (Baseline, Interim and Endline Evaluation). Role: Proposal writing, design of survey tools, training of RAs, data analysis, reporting and dissemination. Qualitative data collection using PRA methodology.
- October 2015: Associate Consultant: Assessment of the impact of Cash for Work beneficiaries training for Phase IIB, Phase IV and Post Distribution assessment for Phase IV. Client FAO – Somalia. Role: Proposal writing, design of survey tools, training of RAs, data analysis, reporting and dissemination. Qualitative data collection using PRA methodology.
- Sep 19<sup>th</sup> – 22<sup>nd</sup> 2015: Attended Global Nursing Research Collaborative Workshop at Rutgers School of Nursing, Rutgers University, New Jersey, USA (Took lead part in discussion on Twinning Programme between Rutgers School of Nursing and School of Nursing and Midwifery, MMUST)
- June – Dec 2015: Associate Consultant: Development of National Midwifery Association Strategic Plan – 2016 – 2020. Client UNFPA, Division of Reproductive Health, Ministry of Health, Kenya. Role: Proposal writing, design of KII tools, conducting Key Informant Interviews, Facilitation during Validation Workshop.
- May 25 – 27 2015: Facilitator – Training on Mobile Data Reporting in Community Health Information Systems. Trained 40 Nairobi County CHEWs on Health Information Systems and Basic Data Collection, Analysis, Interpretation and Reporting. Venue: Central Park Hotel on 25<sup>th</sup> – 27<sup>th</sup> May 2015.

May 4 – 6 2015: Facilitator – E-Learning Training Workshop for Masinde Muliro University of Science & Technology, Schools of Nursing/Midwifery & Public Health Sciences

April 20 – 24 2015: Participant in Resource Mobilization facilitated by FUNZO Kenya and Strathmore University. Venue: Sentrim Hotels, Naivasha. Training outcome: Writing of Innovative Competition Application on Reclaiming Mother and Child Health – Matungu Sub-County, Kakamega County. Grant amount: £250,000; Duration of Project 3 Years.

March 5 – 6 2015: Conducted Bioethics and Biosafety Training in Masinde Muliro University of Science & Technology for Heads of Departments and Graduate Students. Role: Facilitator.

February – August 2015: Associate Consultant: Assessment of the impact of Cash for Work beneficiaries training for Phase IIB, Phase IV and Post Distribution assessment for Phase IV. Client FAO – Somalia. Role: Proposal writing, design of RRA survey tools, training of RAs, data analysis, reporting and dissemination.

Jan – Dec 2015: Consultant for AKDN on Causes of Neonatal, Children under five, and Maternal deaths in Rural Coastal area of Msambweni, Kenya: a Prospective Verbal Autopsy Study.

October 2014 – September 2016: *Provision of Overt Third Party Assurance Activities – Somalia. Objectives of assignment:*

- **Routine monitoring:** visiting partners at fixed points during the course of programme implementation to ensure satisfactory progress, alignment with contractual agreements, and identification of barriers and bottlenecks.
- **Supportive supervision:** working with partners to help them improve their capacity and the quality of programme implementation.
- **Areas being monitored:**
  - Cold Chain
  - Cash Transfer
  - ***Global Fund: HIV Services and Malaria Treatment***
  - Communication for Development (C4D) – Polio Campaign
  - Nutrition Service Points
  - Education: UNICEF-supported Teacher Verification
  - **Capacity assessment:** assess institutional, technical, management and financial capacities of prospective/current partners.

**Client: UNICEF Somalia;** Consultancy Firm: Centre for Consultancy Research & Development (CCORD). Position in CCORD: Associate Consultant in charge of Nutrition Programme monitoring in South Central Somalia. CCORD has office in Mogadishu with trained Research Assistants who are Somalia natives and who come from all the regions in Somalia which are accessible. **Role:** Training of RAs, Data analysis and Report Writing.

October 2014: Tracking Results Continuously (TRaC) Kenya (2014): Malaria TRaC Study among Populations Living in Malarial Zones in Kenya. Role – Report Writing. Client Population Services Kenya (PS Kenya).

September 2014: Functional Reviewer *Africa Integrity Indicators 2014-2015*. Client: Global Integrity. The Africa Integrity Indicators project assessed key social, economic, political and anti-corruption mechanisms at the national level in all 54 African countries. As a Functional Reviewer, I was responsible for assessing and correcting a number of indicators directly related to health. The review was on appointed researcher's response to health indicators which assessed all key health issues relevant in the country.

June 2014: "Putting African Mothers, Newborn and Children First" End-Term Evaluation in Tanzania (Mtwara and Tandahimba), Kenya (Lamu) and South Sudan Terekeka State (Tali and Tindilo). Role: Lead Consultants, Proposal writing, Instrument

development, Supervision of data collection and data entry, Data analysis and report writing. Client: AMREF Health Africa EU Project.

June 2014: *Advisory services for enhanced Risk Management in the Somalia programming context* - UNICEF Somalia. With support of CCORD, a consultancy firm based in South Central Somalia, we conducted a survey aimed at assessing impact of Communication for Development (C4D) polio immunization campaign, cash transfer to teachers (over 600 teachers), developing risk indicators for diversion of supplies and funds and established the best practice in third party monitoring of programme in South Central Somalia.

February – April 2014: National Survey Manager (Rift Valley, Coast Province – Phase III). Client: Population Services International/Government of Kenya. Role: Provision of technical services to the implementation of national survey on malaria.

Specific duties:

- Data analysis
- Developing draft and final reports as outlined by the Technical Committee
- Presenting the survey findings to stakeholders

February 2014: End of evaluation: Restoring and building community resilience in drought and conflict affected populations in Puntland and Hiran Regions of Somalia. Client: Save the Children, Somalia. Role: Proposal writing, data analysis and report writing.

January 2014: Kala-azar assessment in Baidoa Health Centre. Client Save Our Souls, South Central Somalia. Role: Proposal writing, data analysis and report writing.

January 2014: Knowledge, attitude and practice about IYCF in Abudwak, Galgaduud, Somalia. Client: International Medical Corps and Access Aid and Development. Task: Proposal writing, data analysis and report writing.

October 2013: The production of the 2013 “MDG’s Tracking Progress” Report in Somalia, Somaliland and Puntland. Lead Consultant. Client: UNDP

June 2013: Patient and Clinician Safety Curriculum Development for KRCHN and BScN – Moi University and Moi Referral and Teaching Hospital, Eldoret. Client: GIZ. Role: Curriculum and Module development.

May 2013: Strengthening Rural Health Systems for Maternal and Child Health in Narok County, Kenya: Baseline Survey. Client: Christian Aid. Lead Consultant.

April 2013: Improving Maternal and Child Health in Greater Mandera County, North Eastern, Kenya: Lead Consultant for Global Poverty Action Fund (GPAF) Project

April 2013: Assessment of Facilities in South-Central Somalia: Phase II (Five Regions). Client: SCORE/UNICEF. Role- data analysis and report writing.

February 2013: Emergency response to malnutrition among returnees, IDP and vulnerable host communities in South Sudan. Lead Consultants: Tonj South, Tonj North, Tonj East and Gorgial East – Client World Vision South Sudan. Role: Proposal writing, instrument development, supervision of data entry and data cleaning; Data Analysis and Report Writing

January 2013: Sexual and Reproductive Health (SRH) Needs for Sexual Minorities Survey. **Client:** Family Health Options, Kenya. Conducted SRH needs assessment for Lesbians, Gays, Bisexuals, Transgender and Intersex in Kisumu, Eldoret, Nairobi and Mombasa. **Role:** Technical proposal writing, instrument development, training of research assistants, data analysis and report writing.

September 2012: Vital Voices and Governance Project: End of Project Evaluation. Survey covers six districts in Kenya and is sponsored by **Christian Aid** working through four partner CBOs in Northern Kenya, Rift Valley, Nyanza and Eastern Province. **Role:** Technical proposal writing, instrument development, training of research assistants, data analysis and report writing.

August 2012: Survey Expert: Output Based Approach Evaluation and Baseline Survey. The survey was being conducted by Infrastructure Professionals Enterprise (IPE) Global (Head Office New Delhi) and Measures Africa for Ministry of Public Health and Sanitation in Nairobi, Kiambu, Kitui, Kilifi, Malindi and Tana. The voucher based programme targets women who are poor with an aim of promoting maternal and child health services utilization and eventual reduction of maternal and child neonatal mortality.

**My role included:**

- Managing and providing support as required to the logistics coordinator while ensuring that they are meeting their deliverables.
- Developing and implementing a detailed work plan to cater for training and data collection (Work plan included a pilot to dry-run data collection process in a non-survey location)
- Conducting supervisory visits to ensure the quality of data collection using a systematic approach that provides timely and insightful feedback
- Developing and implementing a detailed work plan including draft dummy tables for analysis
- Data analysis
- Developing draft and final reports as outlined by the Technical Committee
- Presenting the survey findings to stakeholders

June 2012: Participant: E-Learning (Moodle Environment) Workshop at MMUST.

June 2012: Data analysis and report writing: Balanbale District Nutrition and Food Security Survey.

June 2012: Assessment of Facilities in South-Central Somalia: Phase I (Six Regions). Client: SCORE/UNICEF. Development of instruments, data analysis and report writing.

June 2012: Child Rights Situational Analysis, Eldoret Town. Data Analysis and Report Writing. Save the Children, UK.

May 2012: End of Phase Evaluation: Integrated Programme Area – World Vision Kenya, Mogotio. Programme covered enhanced care and support for PLWH and OVC.

February 2012: End of Phase Evaluation – Home Management of Malaria, Malindi and Lamu, Coast Province. Client: Red Cross Kenya.

January 2012: Support to Implementing co-responsibilities pilot: Kenya Cash Transfer for Orphans and Vulnerable Children (CT-OVC) program. A World Bank Project. Role – Technical Proposal Development & Field Work Visit. Project covers more than 27 districts in Kenya. Project was implemented by Agency for Development Research.

Oct 2011 – Dec 2011: National Survey Manager (Rift Valley, Nyanza, and Western Province). Client: Population Services International/Government of Kenya. Role: Provision of technical services to the implementation of national survey on malaria. Published Report Online:

[https://www.google.com/search?newwindow=1&site=&source=hp&q=Evaluation+of+the+2011+Mass+LongLasting+Insecticide+Treated+Net+%28LLIN%29+Distribution+Campaign+Phase+1+and+2+Report&oq=Evaluation+of+the+2011+Mass+LongLasting+Insecticide+Treated+Net+%28LLIN%29+Distribution+Campaign+Phase+1+and+2+Report&gs\\_l=hp.12...10267.10267.0.12300.3.3.0.0.0.330.652.3-2.2.0.msedr...0...1c.1.62.hp..3.0.0.0.mNLMj9259WI](https://www.google.com/search?newwindow=1&site=&source=hp&q=Evaluation+of+the+2011+Mass+LongLasting+Insecticide+Treated+Net+%28LLIN%29+Distribution+Campaign+Phase+1+and+2+Report&oq=Evaluation+of+the+2011+Mass+LongLasting+Insecticide+Treated+Net+%28LLIN%29+Distribution+Campaign+Phase+1+and+2+Report&gs_l=hp.12...10267.10267.0.12300.3.3.0.0.0.330.652.3-2.2.0.msedr...0...1c.1.62.hp..3.0.0.0.mNLMj9259WI)

**Specific duties:**

- Managing and providing support as required to the logistics coordinator while ensuring that they are meeting their deliverables.
- Developing and implementing a detailed work plan with the logistics coordinator to cater for training and data collection (Work plan included a pilot to dry-run data collection process in a non-survey location)

- Development of training manuals
- Conducting supervisory visits to ensure the quality of data collection using a systematic approach that provides timely and insightful feedback
- Liaising with Technical Committee overseeing the evaluation and the Division of Malaria Control as necessary
- Developing and implementing a detailed work plan including draft dummy tables for analysis
- Data analysis
- Developing draft and final reports as outlined by the Technical Committee
- Presenting the survey findings to stakeholders

Sept 2011: Profiling IDPs in Mogadishu, Somalia. Client: Sub-contracted by Islamic Relief/Office for the Co-ordination of Humanitarian Affairs/UNDP/UNHCR.

Specific duties:

- Proposal writing
- Instrument development
- Data entry screen development
- Data analysis
- Report writing

July 2011: Evaluation of performance on diploma and BScN programmes in Nursing Council of Kenya examinations. Lead investigator – submitted proposal to Nursing Council of Kenya.

July 2011: Summative Evaluation – Community-based Child Health Project, Tonj South/East, Warrap State, Southern Sudan. Client: World Vision. Role: Proposal and instruments development, data analysis and report writing.

June 2011: The effect of *Artemisia annua* tea preventive treatment of malaria on health and education in school children in Western Kenya  
Role: Wrote the proposal that has attracted Euro: 145,000. Funded by: IDAY International aisbl, Belgium.

March 2011: Peer Reviewer *Access to Information Indicators in Health and Education Service Delivery*. Client: Global Integrity in conjunction with World Bank Human Development. I was one of the peer reviewers involved in the assessment of information transparency issues in the delivery of local health and education services in Kenya. This was the second survey conducted by World Bank, the first one was in Macedonia.

March 2011: Facilitator – Malaria Prevention & Control in Kenya. Client: Supreme Management Training & Consultancy Services Limited, one of the five leading private capital development institutions in Nigeria. Their training and capacity building programmes focused primarily on development-based project management fields such as general project operations management, procurement management, financial management, monitoring and evaluation, leadership and good governance and other project-related programmes. The 15 delegates included senior officers - Directors, Permanent Secretaries, Project Managers, Project coordinators – from five out of the seven states implementing the Roll Back Malaria programme in Nigeria. Venue: Laico Hotel, Nairobi.

December 2010: PI *Maternal and Child Health Baseline Survey*. The objective of the MCH component is to improve maternal and child health care services in Togdheer, Sool and Sanaag regions in Somaliland. Client - Mercy Corps.

July 5<sup>th</sup> 2010: Attended one-day Good Clinical Practice and Good Clinical Laboratory Practice Refresher Course at KEMRI, Nairobi, Kenya. Course facilitated by Clinical Research Africa.

April 2010: PI *Causes of maternal and child mortality in Kwale, Msambweni, and Kinango Districts in Coast Province*. Aga Khan Development Network – Community

- Health Services. Responsibilities include design, development of proposal/instruments, training of field staff, data analysis and report writing. Data cleaning on-going.
- March – May 2010: Consultancy: Nursing Diploma Curriculum Development, Kismayo University, Somalia.
- January 2010: PI *Interim Assessment of Emergency Nutrition Programme in Kajiado District*. Client: Mercy - USA
- January 2010: PI *Health care system changes and workplace pain disorders and sick absence among nurses in selected provinces in Kenya*. Currently analyzing data and writing the report. Over 1,600 nurses from referral, provincial, private and FBO facilities interviewed.
- November 2009: Attended the NCST National Workshop on Guidelines and Ethics held at Sarova Lion Hill Lodge, Nakuru.
- May 2009 to February 2011: National Consultant: *Mobility of Health Care Workers*. Client: European Union (EU) and International Organization of Migration (IOM). Six countries participated in the study: Kenya, South Africa, Ghana, Egypt, Angola and Morocco.
- April 2009: Participated in the review of strategic plan (2009 - 2013) for Kenya Legal and Ethical Issues Network on HIV/AIDS (KELIN) in Nairobi.
- February 2009: Study co-ordinator: Aga Khan Foundation study on *HIV/AIDS Knowledge, Attitude and Practice at the Workplace*. More than 20 institutions of Aga Khan Development Network participated in the study (population of 9000 workers). Responsibilities included co-ordination of field data collection, data analysis and report writing. The same study to be replicated in Tanzania, Uganda and Mozambique in 2012.
- November – December 2008: PI: *Evaluation of employment and migration status of nurses in Kenya*. Client – e-Sokoni Afrinet Commerce Limited. The study included projection of nursing stock in Kenya with specific emphasis on managed migration.
- April 23<sup>rd</sup> – 25<sup>th</sup> 2008: Report compilation for: *The Muslim Scholars of North Eastern Province on Islam and Health: Challenges and opportunities*. Clients: MoH, SUPKEM, CIPK, KCIU, and APHIA II.
- March 2008: *Case Study on Nursing Human Resource in Kenya* (I Participated in the study conducted by the Chief Nursing Officer for International Council for Nurses).
- March 2008: Consultant: *Priorities, Policies and Governance for Health Research*: Council on Health Research for development (COHRED) based in Geneva. (I was responsible for data collection in 30 countries in Africa. Attended Ministerial Conference on Research for Health in the African Region in July for data collection. Conference venue: Algeria).  
<http://portal.unesco.org/education/en/files/58049/12246675435Arudo.pdf/Arudo.pdf>
- November 2007: Co-Consultant - *Assessment of current levels of knowledge and training needs of auxiliary and qualified nurses Gedo Region, Somalia* – Client: Gedo Health Consortium (GHC), a joint programme implemented by Trocaire and Merlin
- October-November 2007: Lead Consultant: *Dynamics, trends, magnitude of migration of nurses and doctors in Kenya and data collection and management* – Client: ILO/IOM/WHO/EQUINET/ECSA-HC (Participated in the National Workshop Report – *Managing the Migration of Human Resources for Health in Kenya – 11-13 November 2007*)
- August-September 2007: Lead Consultant: *A review of health workforce situation in Kenya: A call for action* – Client: Health Rights Advocacy Forum, Kenya.

July 2007: Co-ordinated data collection in Kenya and Uganda for Living Well (Thames Valley University and ICA.UK): *An Evaluation of the Impact of the Positive Self-Management Programme (PSMP)- HIV/AIDS.*

January – August 2007: PI: *The impact of ART on the quality of life among PLWHAS in Machakos District Hospital, Kenya.* Seven-hundred participants participated in the study where WHOQOL-BREF was used to collect data.

January – December 2006: Site PI: The UCSF International Nursing Network for HIV/AIDS Research study on *Efficacy of the HIV/AIDS Symptoms Management Manual* conducted at Nazareth Hospital, Nairobi Kenya

#### **Achievements**

- Publication (See Publications Section)
- Successful follow up of 72 study participants

Facilitated Kiswahili translation of Revised Sign and Symptom Checklist for HIV (SSC-HIVrev)

March – May 2006: Participant during Bioethics Training at Aga Khan University, Karachi Pakistan. Training sponsored by Fogarty International Center, US.

June - to October 2006: Co-consultant: *Survey on Utilization of Maternal, EPI and Health Services in North Eastern Province, Kenya.* Project Sponsor: DANIDA

January 2006 to December: Consultancy: BScN Curriculum Development, Daystar University, Kenya.

#### **Reviewed Papers/Books/Modules**

*M. Mutebi, R. Wasike, A. Mushtaq, A. Kahie and S. Ntoburi (2013).* The effectiveness of an abbreviated training program for health workers in breast cancer awareness: innovative strategies for resource constrained environments. *SpringerPlus*, 2:258 – Role: Data analysis

*Measuring Global Burden of Cardiovascular Disease.* ECSACON CPD Library *AJM* article from Ghana: *Expressions of HIV infection misconceptions about women diagnosed with HIV and AIDS in Ghana.*

*AJM* article from Parirenyatwa Referral Hospital Harare Zimbabwe: *Women's knowledge on catheter care and indwelling urinary catheter complications.*

Rakuom C. (2010). *Nursing Human Resources in Kenya: Case Study* (2010). International Centre for Human Resources in Nursing, Geneva. [**Acknowledgment:** The support and input from a range of stakeholders in Kenya (staff in the Ministry of Medical Services, the Nursing Council of Kenya, and the Aga Khan University) are gratefully acknowledged, in particular **John Arudo** and Eunice Masamo]

Reviewed Article: M. C. A. Wagoro, C. J. Othieno, J. Musandu & A. Karani (2008). Structure and process factors that influence patients' perception of inpatient psychiatric nursing care at Mathari Hospital, Nairobi. *Journal of Psychiatric and Mental Health Nursing*, **15**: 246-252. (**Acknowledgment:** The authors acknowledge valuable inputs from reviewers of the manuscripts and from Dr George O. Otieno of Kenyatta University, **Mr John Arudo** of Aga Khan University and Mrs Margaret Chege of Kenya Medical Training College).

**Reviewed Article:** Syed Ahmer, Haider Naqvi, M Kamran Shah, Muhammad Naim Siddiqui, Murad Moosa Khan (2006). Psychological morbidity among primary care attendees in earthquake affected areas of Northern Pakistan and Azad Kashmir. *Journal of Pakistan Psychiatric Society*, **3**(2): 86 (**Acknowledgments:** We wish to thank all doctors and paramedical staff at the five PHCs who participated in our training, Mr Muhammad Zaman

for data entry, and Dr Rafey Faruqui & Mr John Arudo for commenting on an earlier manuscript of this paper).

Journal Publications: <http://www.pubfacts.com/author/John+Arudo>

1. Simiyu, C. Kipmerewo, M. and **Arudo, J.** (2021). Relationship between the Delay in Making a Timely Decision to Seek Medical Assistance and Perinatal Mortality in Lurambi and Butere Sub-Counties, Kakamega County, Kenya. *Global Journal of Health Sciences* 6 (1):23 - 43. <https://doi.org/10.47604/gjhs.1256>.
2. Cyrus Ashivira Bally, **John Arudo** and Mary Kipmerewo (2020). Prevalence and associated determinants of malaria infection among pregnant women in malaria epidemic areas of Western Highland of Kenya. *Global Journal of Health Science (GJHS)*. 5(1) No. 4 pp. 37 - 50.
3. Luqman, M. H., **J. Arudo**, Abwalaba, R.A, & M. Barry (2020). Ten-year survival with analysis of gender difference, risk factors, and causes of death during 13 years of public anti-retroviral therapy in rural Kenya. *Medicine*. Vol. 99, No. 21
4. Pascalia Okoiti Kisiangani, **John Arudo** and Gregory Sakwa (2019). Determinants of maternal and child health care service utilization among mothers of Mount Elgon Constituency, Bungoma, Kenya. *Global Journal of Health Science (GJHS)*. 4(2) pp. 23 – 40.
5. Samuel Kipunaa Lopar, **John Arudo** and John M. Okoth (2019). Contribution of community health volunteers in immunization uptake in Pokot South, Sub-County, Kenya. *Journal of Nursing and Health Science*, 8(6): 13 – 20.
6. Kibet, GJ, **Arudo, J** and Sakwa, G. (2019). Predictors of loss to follow-up among adult patients initiated on antiretroviral therapy in Nakuru West Sub-County health facilities, Kenya..
7. Maleche, D, **Arudo, J** and Ochanda, D. (2019). A comparative analysis of determinants of unmet need for current contraceptive practice among women of reproductive age living in formal and informal settlements of Eldoret town, Kenya. *Journal of Health, Medicine and Nursing*, 4(4): 58 - 76
8. Jepkosgei, D, **Arudo, J** and Kipmerewo, M (2019). Determinants of bypassing county public health facilities among women seeking childbirth services at Moi Teaching and Referral Hospital, Eldoret. *Journal of Health, Medicine and Nursing*, 4(4): 43 – 57.
9. Ndovoyo, J., **Arudo, J.**, Kipmerewo, M., Mukaka, V. and Kosgey, S. (2019). Predictors of Optimum Uptake of Intermittent Presumptive Treatment of Malaria During Pregnancy Among Women at Navakholo Sub-County, Kakamega County – Kenya. *Journal of Health, Medicine and Nursing*, **60**.
10. Luqman, M. H. J. Makori, J. Okwiri, C. Tsisiche, **J. Arudo**, M. Barry (2018). Community outreach programs and major adherence lapses with retroviral therapy in rural Kakamega, Kenya. *AIDS Care*. Vol. 30, No. 6, pg 696-700Pp 1-5
11. Shisanya, S.M, **Arudo, J**, Oloo, J.A. Morema, EN (2017). The impact of Co-morbidity and Treatment Characteristics on Adherence to Tuberculosis Treatment in Kisumu East Sub-county,Kenya, *Journal of Nursing and Health Science*, 6 (5): 87-91
12. Aywak, CO, Odiwuor, WH, Ayuku, DO and **Arudo, J (2016)**. Determinants of initial health-seeking in families with mentally ill patients: A case study at Moi Teaching and Referral Hospital, Eldoret. *Mara Research Journal of Journal of Medicine and Health Sciences* 1(1).
13. Machoki, MS, Saidi, H, Raja, A, Ndonga, A, Njue, A, Biomdo, I, Kimani, S, **Arudo, J**, Mushtaq, A. (2015). Risk Factors for Esophageal Squamous Cell Carcinoma in a Kenyan Population. *Annals of African Surgery*, 12(1)

14. Opemo D.O., Aloo P.A. **Arudo J.A.** & Mbithi J.N. (2014). A study of common causes of mortality among fishermen in Lake Victoria, Kenya. *African Journal of Health Sciences*. 27(1).
15. East, LA, **Arudo, J.** Loeffler, M and Evans, CE (2014). Exploring the potential for advanced nursing practice role development in Kenya: A qualitative study. *BMC Nursing* 13:33. <http://www.biomedcentral.com/1472-6955/13/33>
16. Jeffrey Lane, Scott, Barnhart, Samwel Luboga, **John Arudo**, David Urassa, and Amy Hagopian (2014). The Emergence of Hospital Accreditation Programs in East Africa: Lessons in sub-Saharan Africa: Lessons from Uganda, Kenya, and Tanzania. *Global Journal of Medicine and Public Health*, 3:2
17. Patrice K. Nicholas, P.K., Joachim Voss, J., Wantland, D., Lindgren, T., Huang, Holzemer, W.L., Cuca, Y., Moezzi, S., Portillo, C., Willard, S., **Arudo, J.**, et al., (2014). Engagement with Care, Substance Use, and Adherence to Therapy in HIV/AIDS. *AIDS Research and Treatment* Volume 2014 (2014)
18. Inge B.C. et al., (**John Arudo**) (2012). Exploring the Contribution of General Self-Efficacy to the Use of Self-Care Symptom Management Strategies by People Living with HIV Infection, *AIDS Patient Care and STDs*, 26(6): 335-343.
19. Gross, JM, Rogers, MF, Teplinsky, I, Oywer, E, Wambua, D, Kamenju, A, **Arudo, J**, Riley, PL, Higgins, M, Rakuom, C, Kiriinya, R, and Waudu, A. (2011). The impact of outmigration on the nursing workforce in Kenya. *Health Services Research*, 46(4): 1300-1318.  
[http://www.unfpa.org/sowmy/resources/docs/library/R194\\_Gross\\_et al 2010\\_Kenya\\_NurseWorkforceMigration.pdf](http://www.unfpa.org/sowmy/resources/docs/library/R194_Gross_et al 2010_Kenya_NurseWorkforceMigration.pdf)
20. Brion, J.M, et. al., (**John Arudo**). (2011). Unhealthy substance-use behaviors as symptom-related self-care in persons with HIV/AIDS, *Nursing & Health Sciences*, 13(1): 16-26
21. Patrice K. Nicholas, P.K., Joachim Voss, J., Wantland, D., Lindgren, T., Huang, Holzemer, W.L., Cuca, Y., Moezzi, S., Portillo, C., Willard, S., **Arudo, J.**, et al., (2010). Prevalence, self-care behaviors, and self-care activities for peripheral neuropathy symptoms of HIV/AIDS. *Nursing & Health Sciences*, 12(1): 119-126.
22. Ndirangu E., **Arudo J.** and Amarsi Y. (2009). The ARCAN cascading model: enhancing nursing capacity in East Africa. *HIV Nursing*, 9(3): 3-6.
23. William L. Holzemer, Sarie Human, **John Arudo**, Maria E. Rosa, Mary J. Hamilton, Inge B. Corless, Linda Robinson, Patrice K. Nicholas, Dean J. Wantland, Shahnaz Moezzi, Kenn Kirksey, Carman Portillo, Elizabeth Suzanne S. Willard, Yvette P. Cuca, Kenn M. Kirksey, Carmen J. Portillo, Elizabeth Sefcik, Marta Rivero-Mendez, Mary Maryland, (2009). Exploring HIV stigma and quality of life for persons living with HIV infection. *Journal of the Association of Nurses in AIDS Care*, 20(3): 161-168.
24. Suzanne S. Willard, William L. Holzemer, Dean J. Wantland, Yvette P. Cuca, Kenn M. Kirksey, Carmen J. Portillo, Inge B. Corless, Marta Rivero-Mendez, Maria E. Rosa, Patrice K. Nicholas, Mary Jane Hamilton, Elizabeth Sefcik, Jeanne Kemppainen, Gladys Canaval, Linda Robinson, Shahnaz Moezzi, Sarie Human, **John Arudo**, Lucille Sanzero Eller, Eli Bunch, Pamela J. Dole, Christopher Coleman, Kathleen Nokes, Nancy R. Reynolds, Yun-Fang Tsai, Mary Maryland, Joachim Voss, Teri Lindgren (2009). Does “asymptomatic” mean without symptoms for those living with HIV infection? *AIDS Care*, 21(3): 322-328.
25. Dean J. Wantland, William L. Holzemer, Shahnaz Moezzi, Suzanne S. Willard, **John Arudo**, Kenn M. Kirksey, Carmen J. Portillo, Inge B. Corless, Mari’a E. Rosa, Linda L. Robinson, Patrice K. Nicholas, Mary Jane Hamilton, RN, PhD, Elizabeth F. Sefcik, Sarie Human, Marta M. Rivero (2008). A Randomized Controlled Trial Testing the Efficacy of an HIV/AIDS Symptom Management Manual. *Journal of Pain and Symptom Management*.

26. Riley P.L., Vindigni S.M., **Arudo J.**, Waudo A.N., Kamenju A., Ngoya J., Oywer E.O., Rakuom C.P., Salmon M.E., Kelley M.A., Rogers M.F., St. Louis M.E., Marum L.H. (2006). Developing a Nursing Database System in Kenya. *Health Services Research*, xx:xx).  
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27. **Arudo J**, Gimnig JE, Ter Kuile FO, Kachur SP, Slutsker L, Kolczak MS, Hawley WA, Orago ASS, Nahlen BL and Phillips-Howard PA. (2003). Comparison of government statistics and demographic surveillance to monitor under 5 child mortality in rural western Kenya. *American Journal of Tropical Medicine and Hygiene*, **68** Suppl 4: 30-37.
28. Penelope PA, Nahlen BL, Kolczak MS, Hightower AW, Ter Kuile FO, Alaii JA, Gimnig JE, **Arudo J**, Vulule JM, Odhacha A, Kachur SP, Schoute E, Rosen DH, Sexton JD, Oloo AJ and Hawley WA (2003). Efficacy of permethrin-treated bed nets in the prevention of mortality in young children in an area of high perennial malaria transmission in western Kenya. *American Journal of Tropical Medicine and Hygiene*, **68** Suppl 4: 23 - 29.

### Book Chapter

- **Arudo, J.** (2012). Biostatistics Module for Upgrading BScN Distance Learning Programme. The Project is sponsored by AMREF and Nursing Council of Kenya.
- **Arudo, J.** (2010). Experimental Research Designs. In William L. Holzemer (Ed). *Improving Health through Nursing Research* (pp. 100 - 107). Oxford, Wiley-Blackwell.

### Successfully Supervised Graduate Students

- Predictors of Loss to Follow-up among Adult Patients initiated on Antiretroviral Therapy in Nakuru West Sub-County Health Facilities, Kenya (2020)
- John Kipserem Toroitich: Determinants of Diet and Fluid Adherence among End-Stage Renal Disease Patients Undergoing Hemodialysis at Moi Teaching and Referral Hospital, Uasin Gishu County, Kenya (2020)
- Maleche David Aluvaa: Determinants of Unmet Need for Modern Contraception among Women of Reproductive Age Living in Eldoret Town, Kenya (2020)
- Kisiangani Pascalia Okoiti: Determinants of Maternal Health Care Service Utilization among Mothers of Mount Elgon Constituency, Bungoma, Kenya (2020)
- Jepkosgei Damaris: Determinants of Bypassing County Public Health Facilities among Women Seeking Childbirth Services at the Moi Teaching and Referral Hospital, Eldoret (2020)
- Samuel Kipunaa Lopar: Contribution of Community Health Volunteers in Immunization Uptake in Pokot South Sub-County, Kenya (2020)
- Anne Asiko Okanga: Evaluation of Bachelor of Science Nursing Students' Performance in the Nursing Council of Kenya Licensure Examinations in Kenya (MScN – Nursing Education)
- Eldah Achieng Oburenyi: Utilization of Contraceptives among Undergraduate Students in Masinde Muliro University of Science and Technology (2017)
- Erick Kiptui Kibai: Perinatal Factors Associated with Birth Asphyxia among Term Neonates in Maternity Ward, Kakamega County Referral Hospital, Kenya MScN – Midwifery) (2017)
- Philip Kimutai Sanga: Nursing Students' Attitude Towards Psychiatric Nursing (2017)
- Omunjalul, Evelyn Avuna: Thesis Title: Community Health Workers Effectiveness in Improving Utilization of Maternal Health Services in Sabatia Sub-County, Vihiga County, Kenya. (Mount Kenya University, 2016)

## Support to Graduate Students

- January 2011: Dr. Brenda Kiiru (Graduate Programme - Medicine): Proposal for a study of interleukin 18 as an acute biomarker of acute kidney injury in critically ill patients. Mentorship in proposal writing. University of Nairobi, Medical College.
- Jan- 2010 – March 2011: Elizabeth Oywer (MA in Nursing) – Career in Mental Health Nursing: The Kenya Experience. University of South Africa (UNISA). Assisted in identification of topic, selection of instrument, data analysis, and review of the dissertation. **Student passed with a distinction in July 2011.**
- November 2009 – June 2010: Mary Schmitz (MPH)- From cradle to the clinic: An analysis of internal migration and practice locations among Kenya's public sector nurse. Johns Hopkins School of Public Health. Assisted in data analysis.
- July 2009: Jeffrey Lane (MPH): A Survey of Hospital Accreditation Programme in East Africa. (Health Services, University of Washington, Seattle, WA). Assisted in setting up meetings with interviewee stakeholders in Kenya and review of the manuscript.
- July 2009: Jessica Gross (MPH): A Secondary Data Analysis Measuring the Nursing Stock and Nurses' Intent to Out-migrate in Kenya (Hubert Department of Global Health, Emory University, Atlanta, Georgia). Assisted with validation of data. (See publication).
- July 2009: External Examiner for graduate thesis for University of Eastern Africa, Baraton (Masters Thesis: Factors affecting health service utilization by potential consumer population at Baraton-Jeremic Community Medical Centre – University of Eastern Africa, Baraton), Kenya.
- 2003 – 2004: Damien Opemo (MPH/Epi) of Kenyatta University: Causes of death among fishermen along Lake Victoria, Kenya. I assisted student in the development of instruments, data analysis and review of thesis.
- 2003 – 2004: Elizaphan Alaro (MPH) of Maseno University: Prevalence of otitis media among pre-school children in Kisumu Municipality. I assisted student in the development of instruments, data analysis and review of thesis.
- 2005 to date: Review of Post-Graduate Medical Education Residents of Aga Khan University Hospital.
- 2003 – 2004: Damien Opemo (MPH/Epi) of Kenyatta University: Causes of death among fishermen along Lake Victoria, Kenya. I assisted student in the development of instruments, data analysis and review of thesis.
- 2003 – 2004: Elizaphan Alaro (MPH) of Maseno University: Prevalence of otitis media among pre-school children in Kisumu Municipality. I assisted student in the development of instruments, data analysis and review of thesis.

## Computer Experience

- SAS, SPSS, STATA

## Membership of Local and International Bodies

- Committee Member, National Nurses Association of Kenya: Research and Publications Sub-Committee (NNAK)
- Member of MMUST Institutional Ethics Review Committee
- Member Sigma Theta Tau International
- Member of Reference Group: Global Health Workforce Alliance (GHWA)
- Member of the Global Alliance for Nursing and Midwifery (GANM)
- Member of Health Workforce /HRH Pool of Experts for WHO African Region
- Nurses Association of Kenya

- Nursing Council of Kenya Research Committee (Co-opted)
- Africa Midwives Research Network (AMRN) – Kenya Chapter
- Aga Khan University Research Ethics Committee - Chairperson (Officially approved by National Council for Research and Technology – NCS&T Kenya)
- MMUST: Member of Bioethics and Biosafety Committee (2015 - 2018)

## References

<p>Stephen Aloo Onuong'a, Director, Kantar, Public Division (East Africa) Cell: +254 [0] 721260024 E-mail: <a href="mailto:stephanealoo@gmail.com">stephanealoo@gmail.com</a></p>	<p>Dr. Damaris Ochanda Chairperson Department Nursing Education and Research School of Nursing, Midwifery and Paramedical Sciences (SONMAPS) Masinde Muliro University of Science and Technology Email: <a href="mailto:dochanda@mmust.ac.ke">dochanda@mmust.ac.ke</a> Mobile Phone: +254721445063</p>	<p>M/S Maureen Wangati-Gnagbo Measure Africa Suite M1 Karen Professional Center Karen Road Nairobi Email: <a href="mailto:mwangati@gmail.com">mwangati@gmail.com</a> Mobile Phone: +254722714991 Website: <a href="http://www.measureafrica.org">www.measureafrica.org</a></p>
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