

DR. JAMES AKIRUGA AMISI

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13 YEARS' EXPERIENCE IN;

FAMILY MEDICINE

RESEARCH

PROJECT MANAGEMENT

CORE COMPETENCIES

Clinical care skills	Research skills	Analytical skills
Leadership and Management skills	Project Management skills	Communication skills

CAREER HIGHLIGHTS

1. Spearheaded the initiation of the emergency department. Lobbied the then ministry of Medical services to support the construction of a new laundry unit and 18 new staff housing units that ensured ALL essential staff had housing within the facility to attend to emergencies when needed. | Medical Superintendent | Longisa District Hospital
2. Modified the infrastructural projects within the hospital getting rid of all asbestos roofing in all hospital buildings with a year through grant support from the Ministry of Medical services. With the support of the Hospital Management team we were able to establish the hospital as a new training center for medical and clinical officer interns. We also set up and established a brand new neonatal unit that continues to serve the residents of the area to date. | Medical Superintendent | Iten County Hospital
3. Successfully published 11 peer reviewed research articles three of which I am a first author.
4. As a PI on many projects we have completed three of the projects successfully leading to publication of some of our research work

PROFESSIONAL EXPERIENCE

Co - Principal Investigator: CFAR Palliative Care Project | Feb 2021 - Present

Project Objectives

- Developing a screening protocol tool to determine who needs palliative care support among elderly (more than 50 years) living with HIV/AIDS.

Key Milestones.

- Ongoing. Yet to be measurable.

Co - Principal Investigator: Pfizer Supportive Oncology project | March 2020 – Present

Project Objectives.

- Identify palliative care patients with terminal illnesses who require support.
- Pay hospital bills, enroll the patients on NHIF and pay their NHIF charges partially.

Key Milestones

- Supported more than 200 patients in the project so far.
- Trained about 200 community health volunteers in palliative care services.

Lead Physician | Milo Family Project | 2016-Present

Roles and Responsibilities

Community Extension activity on behalf of Moi University.

Tasked with:

- Provision high quality, value-based care to the patients under your care.
- Managing other physicians working in the facility as well as taking up administrative duties.

Key Achievements

- Established a robust primary care model that incorporates microfinance and primary healthcare since 2016 to date. Over 15,000 residents of milo have a chronic care disease program that they have access to and have established over 131 microfinance saving groups with a membership of over 2,700 members and slightly over Ksh. 8million in savings
- The program now caters for 500 patients with Hypertension and Diabetes and other chronic illnesses, care that would have otherwise been sought in tertiary healthcare facilities.

Family Physician and Lecturer | Moi University and Webuye County Hospital | 2014-Present

Roles and Responsibilities

- Teaching both undergraduate and post-graduate students
- Supervision and guidance of personal and Post graduate Student's research
- Clinical care supervision for students and patient care at Webuye County Hospital
- Training of medical officer and clinical officers interns at the facility.

Key Achievements

- Supervised research leading to successful thesis defense and thesis writing of 4 post-graduate students.
- Published upto 11 scientific journal articles in peer reviewed journals.

OTHER PROFESSIONAL ROLES HELD

- **Family Physician and Medical Superintendent** | Iten County Hospital | 2011-2014
- **Family Physician and Medical Superintendent** | Longisa County Hospital | 2009-2010
- **Family Medicine Resident** | Tenwek Mission Hospital | 2006-2009
- **Senior Medical Officer** | Tenwek Mission Hospital | 2002-2005
- **Senior Medical Officer incharge of HIV/AIDS and Leader of HIV/AIDS Coordinating Commitee** | 2001-2002
- **Internship Training** | Tenwek Mission Hospital | 2000-2001

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

- Kenya Medical Association (KMA)
- Kenya Association of Family Physicians (KAFP) - North Rift Co-coordinator
- Kenya Hospices and Palliative Care Association (KEHPCA)
- World Organization of Family Physicians (WONCA)

KENYA MEDICAL BOARD REGISTRATION & LICENSURE

- **Registered by the Kenya Medical Practitioners and Dentist Board (KMPDB) | 2005**
- **Non- Private Practice License 2021/2022**

EDUCATION & CREDENTIALS

- **Masters of Medicine in Family Medicine | Moi University | 2009**
- **Bachelor of Medicine and Bachelor of Surgery (MBCh.B) | University of Nairobi | 2001**
- **Leading High Performing Health Organization (LeHHO) Certificate | Strathmore University | 2014**
- **Senior Management Certificate | Kenya Institute of Administration (KIA) | 2011**
- **Certificate in Comprehensive HIV Management | National STI Control Program (NASCOP) | 2004.**

RESEARCH ACTIVITIES

GRANTS

- 2021-2022. The Center For AIDS Relief (CFAR) Grant, Dr. Curt Beckwith(Brown University)-*Principal Investigator*” **Integrating Palliative Care into routine HIV Care among the Older Populations in Rural Western Kenya” \$ 25000.00 USD, Role Co-PI. Status: Ongoing.**
- 2020-2021. The Pfizer Foundation grant, Dr. Keneth Cornetta (Indiana University) - *Principal Investigator* “**Pfizer Supportive Oncology” \$133,868.00 USD, Role Co-PI. Status: Ongoing.**
- 2019-2020. PCI Grant, Sonak Pastakia- *Principal Investigator* “**Expanding access to high quality healthcare in rural Kenya-project Extension” \$ 34,950, Role; Co I**
- 2019-2020 Thrasher Foundation Grant, Daria SzKwarko- *Principal Investigator* “**Using a Mobile Application to Improve Pediatric Presumptive Tuberculosis Identification in Western Kenya” , \$9,142, My Role: Co-PI. Status: Completed.**
- 2018-2019. CTSI Grant, Molly Rosenberg-*Principal Investigator* “**Microfinance and Investment in health in rural Western Kenya” \$8, 434, My Role: Co- PI. Status Completed.**
- UMass Office of Global Health Pilot Project Program Grant, *Co-Principal Investigator 2016-2017* “**Closing the loop in child TB contact management: Predictors and completion of therapy outcomes in western Kenya” , \$25,000 (direct only), My Role: Co-PI, Status: Completed**

STUDENTS RESEARCH SUPERVISION

- Successfully supervised research work for four Mmed students leading to successful defense of their thesis and final thesis submission to the Moi University authorities
1. Mbiri Zacheous N. Were. SM/PGFM/01/2016: **“Relationship between adherence to chemoprophylaxis and morbidity among patients with sickle cell disease in Webuye County Hospital, Kenya”**
 2. Haji Abdala Musuko: SM/PGFM/O4/2015. Title of Thesis: **“Prevalence and factors associated with anemia at fourteen weeks post-delivery in mothers attending child health clinic at Webuye County Hospital”**
 3. Samuel N. Ateya SM/PGFM/03/2015. Title of Thesis: **“Injury characteristics and sub-acute phase disabilities amongst hospitalized and non-hospitalized road traffic injuries managed at Webuye County Hospital, Kenya”**
 4. Joseph Yaa Karisa. SM PGFM/02/2017: **“Factors associated with depression among tuberculosis patients attending TB clinic at Webuye County Hospital”**
- Currently supervising the following Continuing Students’ for their masters’ of Medicine research.
1. Douglas Wanjala Makali. SM/PGFM/03/18: **“Husband-wife dynamics predicting modern contraceptive use among couples attending the child health clinic at Webuye County Hospital, western Kenya”**
 2. Patrick Kipngetch Rotich. SM/PGFM/03/2018: **“Active Case Finding of Tuberculosis in Diabetes Patients Attending Diabetic Clinic at Webuye County Hospital”**
 3. Salwa Mohammed. SM/PGFM/01/2018: **“Determinants of Awareness of Obstetric Danger Signs Among Women Delivering at Webuye County Hospital, Western Kenya”**

ABSTRACTS AND PRESENTATIONS

1. **Amisi A J**, Hussein Elias¹, Dan N. Tran², Kenneth Cornetta³, Jeremiah Laktabai¹, Sonak D. Pastakia⁴, E Jane Carter⁵, Roberta E. Goldman⁶, Curt Beckwith⁷ Daria Szkwarko⁶(May 2022) Integrating Palliative care into routine HIV care among Older populations living with HIV in rural western Kenya. KAFP First Annual Scientific Conference, Naivasha, Kenya
2. **Amisi A J**, (May 2022) Key Note speaker. Advocacy and Community Engagement. KAFP First Annual Scientific Conference, Naivasha, Kenya
3. **Amisi A J**, (May 2022). Memorial Lectures for the Late Drs. R. Downing and PM. Chege. KAFP First Annual Scientific Conference, Naivasha, Kenya
4. **Amisi A J**, Pearce C, Karisa J, Ram D, Laktabai J, Szkwarko D (May 2022). Global Health during the COVID 19 Pandemic. The Evolution of a Virtual Collaborative Curriculum for US and Kenyan Trainees. STFM Annual Spring conference USA (virtual Poster presentation conference)
5. **Amisi A J**, (March 2022) (International Speaker). Ethical Consideration in Global Population Health- Authorship inequities. (Brown University, Virtual Discussion)
6. **Amisi A J**, Mbamba J, Namatovu J; (October 2021). Development and Expansion of Family Medicine in East Africa. Virtual Oral Presentation. AAFP Global Health Summit Panel discussion
7. **Amisi A J**, Tina Tran (June 29, 2021, BIGPIC) Regional Global Health Summit in Uganda Virtual presentation
8. **Amisi A J**, (March 2021) (International Speaker). Ethical Consideration in Global Population Health. (Brown University, Virtual Discussion)
9. Peterson, D. **Amisi, J.**, Carter, E.J., Angala, P., Goldman, R., Szkwarko, D (October 2020). Using a mobile application to improve presumptive tuberculosis identification in children in western kenya. The 51st Union World Conference on Lung Health. Virtual Event.
10. **Amisi, J.**, Szkwarko, D. (April 2019). Developing a Family Medicine Comprehensive Care Clinic in Milo, Kenya. Presentation at the 47th Kenya Medical Association Annual Scientific Conference, Naivasha, Kenya.
11. Szkwarko, D., **Amisi, J.**, Owiti, P., Buziba, N., Chege, P., Carter, E.J. (Oct 2017). Closing the loop in child contact management: IPT completion outcomes in western Kenya. Poster Presentation at: 48th Union World Conference on Lung Health, Guadalajara, Mexico.
12. **Amisi, J.**, Jeremiah Laktabai., Chege P. (May 2016). The role of Family Medicine in undergraduate Training in Moi University. Poster Presentation at: 8th Primafamed Conference, Kenyatta University, Kenya.
13. Chege P, **Amisi J.** (May 2016). The Contribution of Family Medicine to Kenya Health Systems. Oral Presentation at: 8th Primafamed Conference, Kenyatta University, Kenya.

14. Hussein Elias, **Amisi J. Akiruga**, Daria Szkwarko, D. Mazza, Laktabai J. P.M Chege, Tina Tran (Feb 2020). Operational Guidance for the Development of a Family Medicine Clinic. Experiences from Webuye County Hospital FM Clinic. Oral presentation at: 1st Quarter Family Medicine Symposium held at the Noble Hotel Eldoret Kenya.

JOURNAL REVIEWER RESPONSIBILITIES AND OTHER REVIEWS

1. Provided reviewer services for BMC Family Practice journal | reviewed up to 40 manuscripts for the journal | 2016-Present
2. IREC reviewer. I have reviewed many proposals for Moi Universities Institutional Research and Ethics Committee.

PUBLICATIONS

1. Magutah K, Mbuthia G, **Akiruga JA**, Haile D, Thairu K (2022) Effect of fixed 7.5 minutes' moderate intensity exercise bouts on body composition and blood pressure among sedentary adults with prehypertension in Western-Kenya. PLOS Glob Public Health 2(7): e0000806. <https://doi.org/10.1371/journal.pgph.0000806>
2. Deyoe JE, **Amisi JA**, Szkwarko D, Tran DN, Luetke M, Kianersi S, Lee SH, Namae J, Genberg B, Laktabai J, Pastakia S, Rosenberg M. The Relationship Between Household Microfinance Group Participation and Vaccine Adherence Among Children in Rural Western Kenya. *Matern Child Health J.* 2021 Aug 18. doi: 10.1007/s10995-021-03217-0. Epub ahead of print. PMID: 34409522.
3. Szkwarko D, **Amisi JA**, Peterson D, Burudi S, Angala P, Carter EJ. Using a mobile application to improve pediatric presumptive TB identification in western Kenya. *Int J Tuberc Lung Dis.* 2021 Jun 1;25(6):468-474. doi: 10.5588/ijtld.20.0890. PMID: 34049609.
4. **Amisi JA**, Carter EJ, Masini E, et al. Closing the loop in child TB contact management: completion of TB preventive therapy outcomes in western Kenya. *BMJ Open* 2021;11:e040993. doi:10.1136/bmjopen-2020-040993
5. Tran, D.N., Were, P., Kangogo, K., **Amisi, J.**, Manji, I., Pastakia, S., & Vedanthan, R. (2021). Supply-chain strategies for essential medicines in rural western Kenya during COVID-19. *Bulletin of the World Health Organization*, 99, 388 - 392.
6. Rosenberg, M., **Amisi, J.**, Szkwarko, D., Tran, D.N., Genberg, B., Luetke, M., Kianersi, S., Namae, J., Laktabai, J., & Pastakia, S. (2020). The relationship between a microfinance-based healthcare delivery platform, health insurance coverage, health screenings, and disease management in rural Western Kenya. *BMC Health Services Research*, 20.
7. Elias, H., & **Amisi, J.** (2020). Twin pregnancy in a bicornuate uterus in rural Kenya: A case report for accidental discovery and successful delivery. *African Journal of Primary Health Care & Family Medicine*, 12.
8. Owuor OH, **Akiruga J Amisi**, Laktabai J, Ateya S, Omar SM. *Postpartum psychosis in peripartum cardiomyopathy: a case report.* BMC Psychiatry. 2020;20(1):114.
9. Pastakia s, **Amisi A.J**, Tran D, Mazza D. The Unpaid Debt of Underinvestment in Public Health. Think Global Opinion Piece. www.thinkglobalhealth.org/article/unpaid-debt-underinvestment-public-health
10. Jones L, Gathu C, Szkwarko D, Mucheru S, Amin N, **Amisi JA**, et al et al. *Expanding Point-of-Care Ultrasound Training in a Low- and Middle-Income Country: Experiences From a Collaborative Short-Training Workshop in Kenya.* Fam Med. 2020;52(1):38-42. <https://doi.org/10.22454/FamMed.2020.986896>
11. **Amisi, J.**, & Downing, R. (2017). Primary care research: Does it defy definition? *Primary healthcare research & Development*, 18(6), 523-526. doi:10.1017/S1463423617000652
12. **Amisi J.A.** (2009). Sexual practices and the knowledge about HIV/AIDS among outpatients at Tenwek Mission Hospital in Bomet District. Thesis Abstract. *African Journal of Primary Health Care and Family Medicine*

INTERNATIONAL CONFERENCES / WORKSHOPS/ COURSES

- Post Graduate Course; TB prevention in children in high-burden TB settings: Implementing the child contact management cascade | 48th Union World Conference on Lung Health. Guadalajara Mexico | **2017 October**
- 48th Union World Conference on Tuberculosis and Lung Health | Guadalajara Mexico. | **October 2017**
- Training Clinical Trainers (TCT) workshop | Farm Inn Country Lodge and Wildlife Sanctuary in Johannesburg, South Africa | **February 2017**
- Point of Care Ultrasound (POCUS) workshop | Kenyatta University, Kenya | **May 2017**
- 47th Union World Conference on Lung Health, trained in Operational Research Skills | Liverpool U.K | **October 2016**
- Primafamed conference held at Kenyatta University, Kenya. | **May 2016**
- Primafamed Conference in Accra, Ghana. | **May 2015**
- Primafamed Conference in Cape Town, South Africa. | **July 2011**

REFERENCES

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