

Curriculum Vitae

PERSONAL

Name: Sadandaula Rose Muheriwa Matemba, PhD, MScMid, BScNEd, DipN, UCM, RNM

Email: smuheriw@uic.edu

Current Academic Rank: Assistant Professor, University of Illinois Chicago

Primary Department: Human Development Nursing Science

HIGHER EDUCATION

Institutional

2021 Doctor of Philosophy University of Miami, School of Nursing & Health Studies.
Dissertation: Correlates and predictors of the development of sexual behaviors of young adolescents in the rural southern region of Malawi

2010 Masters in Midwifery University of Malawi, Kamuzu College of Nursing.
Thesis: Factors influencing utilization of prevention of mother-to-child transmission (PMTCT) of HIV services among young adults (ages 15-24) in Balaka district in Malawi

2003 BSc Nursing Education University of Malawi, Kamuzu College of Nursing.
Research Project: Factors influencing student performance in the clinical area at Trinity School of Nursing

1998 University Certificate in Midwifery: University of Malawi, Kamuzu College of Nursing. Prepared to manage all midwifery cases and obstetrical emergencies including Eclampsia, vacuum extraction, breech deliveries, neonatal resuscitation, and postpartum hemorrhage

1997 Diploma in Nursing University of Malawi, Kamuzu College of Nursing. Completed a program leading to entry into a nursing profession as a Registered Nurse

EXPERIENCE

Academic

July 2021-2023: Postdoctoral Research Associate: University of Rochester School of Nursing, Rochester, NY.

Research Project Proposals and Activities Underway

- University of Rochester School of Nursing and Community Partnership for Young Adolescent Sexual Health Development Support-UR CTSI_UL 1 TR002001_8-29-2022

- The Parents' Perspectives of the Young Adolescent sexual Health Development Support in Rochester, NY: A Qualitative Study
- The Community Stakeholders' Views on Young Adolescent Sexual Health Development Support in Rochester, NY
- Associations of the development of sexual behavior in young adolescents in the USA: A secondary data analysis of CDC middle school: Youth Risk Behavior Surveillance System data using R.
- Sexual health interventions for young adolescents (ages 10-14 years) in USA and sub-Saharan Africa: A systematic review and meta-analysis
- Mighty Girls Pilot Project: A proposal to pilot a novel pregnancy and HIV prevention intervention in Rochester NY, USA, and Balaka and Chiradzulu Districts in Malawi.
- Qualitative data analysis of male couples' sexual health conversations study. PI: Dr Natalie LeBlanc

Courses Taken

- Structural Racism in Health Care and Research- UR CTSI 2023
- Community-based participatory Research- UR CTSI 2021-2022
- Qualitative Health Research – University of Rochester Medical Center-Public Health Sciences: Spring 2022
- Applied Statistical Methods II- School of Arts and Engineering: Fall 2021

December 2020-April 2021: Instructor, University of Miami, School of Nursing and Health Studies, Coral Gables, FL

- Taught NUR606 Y1/Y2/Y3-Merged Advanced Preparation: Writing Express Course to 107 Masters in Nursing students (online)
- Marked students' assignments and gave individual feedback with 24-48-hour turnaround time
- Responded to students emails immediately and within 24 hours

August 2018-April 2019: Teaching Assistant, University of Miami, School of Nursing and Health Studies, Coral Gables, FL

- Taught NUR 318: Essentials of maternity, newborn, and women's health nursing course:
 - Ten steps to successful breastfeeding
 - Postpartum adaptations and nursing management during the postpartum period
 - Newborn transitioning
- Prepared and delivered Midwifery lessons to Bachelor of Science in Nursing students in the Accelerated program
- Assisted with teaching of student in the School of Nursing's Simulation Hospital and debriefing sessions
- Participated in Objective Structured Clinical Examinations and
- Proctored examinations
- Ensured student classroom attendance

July 2015-2020: Senior Lecturer in the Maternal and Child Health Department, University of Malawi, Kamuzu College of Nursing, Lilongwe, Malawi

- Taught Midwifery in classroom and clinicals both at undergraduate and graduate (Masters) levels
- Evaluated students learning both in classroom and clinicals

- Supervised students' research
- Conducted consultancy and community outreach programs
- Took leadership role in evaluation of curriculum

January 2013 – February 2016: Head of Maternal and Child health Department at the University, of Malawi, Kamuzu College of Nursing, Lilongwe, Malawi

- Coordinated academic activities in the department
- Planned, organized and monitored students' teaching and learning activities and critically analyzed teachers' and students' performance in all subjects in the department
- Took leadership in budgeting and identifying resources necessary for students' learning
- Participated in College Management Committee, College Assessment Committee, Academic and Administrative Committee, and Clerical and Technical Staff appointment and Disciplinary Committees
- Facilitated development of project proposals, and won a NORHED grant to carry out an intervention study on birthing positions
- Spearheaded the development of BSc in Midwifery Direct Entry Program and an Additional Faculty of Midwifery Neonatal and Reproductive Health Studies, currently in operational
- Facilitated the upgrading of a University Certificate in Midwifery Program to a Postgraduate Diploma Program
- Introduced Check Offs in the department: a teaching session of critical midwifery skills, and a preliminary assessment of students' beginning skills after theory before clinicals to determine the students' beginning skills before going to the clinical area
- Initiated a change of schedule for writing final examinations for undergraduate midwifery students: from writing immediately after theory to writing after clinical experience. This initiative improved the pass rate in both College and Licensure examinations from around 60% to over 95%

2010-June 2015: Lecturer in the Maternal and Child Health Department at the University of Malawi, Kamuzu College of Nursing, Lilongwe, Malawi

- Taught Midwifery and Women's Health Course to classes of over 200 Bachelor of Science in Nursing and Midwifery students, both in class and in the clinical area
- Set, administered and marked assignments, examinations and projects

July 1999-2004: Nurse and Midwife Instructor at Trinity College of Nursing, Nsanje, Malawi

- Taught nursing and midwifery to classes of 40-50 students undergoing Nurse and Midwife Technician program both in classroom and in clinicals
- Set, administered and marked assignments and examinations to assess performance both theory and practice
- Supervised students' research projects

Advising/ Mentoring/Student supervision (chairman or committee member; topic; student name; date)

2019 Mentored Kathryn Sierra Gerber, a Ph. D in Nursing Science in Nursing student, at the University of Miami School of Nursing and Health Studies. I trained her on how to conduct a systematic review, literature search, quality appraisal of research articles, and writing and publishing manuscripts. Submitted together a manuscript on *Cardiovascular and respiratory effects of cannabis by route of administration: A systematic review*, currently under review to the Substance Use & Misuse Journal.

- 2019 Mentored Neeri Vyas and Imanni Mebane Undergraduate students in Public Health on conducting a Systematic review. Created and presented a poster together on *Cannabis, nutrition intake and metabolism: An evolving state of science*. The poster was presented to The College on Problems of Drug Dependence 2020 Scientific Meeting Virtual Experience, (2020, June 22-24).
- 2016 Co-supervised a Thesis for Mrs Mary Lukhere, a student in the Master of Science in Midwifery programme at Kamuzu College of Nursing. The proposal was titled: *Maintenance of privacy during first stage of labour at Mulanje District Hospital and Mulanje Mission Hospital*
- 2016 Co-supervised a Thesis for Mrs. Carolyn Annie Chingaipe Mukaka, a student in the Master of Science in Community Health programme at Kamuzu College of Nursing. The title of the Research Proposal was: *Exploring Perceptions of Women on Jadelle and Implanon Contraceptive Implants in Mwanza District*
- 2012 Supervised a proposal for Grace Mgoode, a student in the Bachelor of Science in Nursing and Midwifery Programme at Kamuzu College of Nursing. The proposal was titled: *Attitude and Perception of women with previous scar towards mandatory Caesarean section at Dowa District Hospital*

Clinical Experience

October 2010-February 2016: Registered Nurse and Midwife and Clinical Instructor: Lilongwe, Malawi.

- Provided care to women during pregnancy, labor and delivery and postpartum
- Provided care to neonates with uncomplicated conditions in labor and delivery units and neonates with complicated conditions in neonatal care units.
- Taught and supervised undergraduate and postgraduate students during antenatal, labour and delivery, postnatal and neonatal clinical experience in Lilongwe, Dowa, Dedza, Ntcheu, Ntchisi, Kasungu, Mzimba, Nchinji, Salima, and Nkhotakota districts.
- Supervised nurses and midwives teaching students in the antenatal, labor and delivery, postnatal and neonatal clinical areas.
- Evaluated students' clinical learning experiences

November 2004-March 2006: Nursing Officer (RNM), Blantyre City Assembly, Malawi.

- Oversaw all the health care services offered by Blantyre City Assembly
- Supervised health and social services workers in Blantyre City Assembly
- Provided nursing and midwifery care (antenatal care, labor and delivery care, postnatal care) to patients and clients in at Bangwe Health Centre and in outreach clinics under Blantyre City Assembly.
- Planned and managed nursing and midwifery services, co-coordinated maternal and child health services including antenatal, labor and delivery and postnatal care, under-five clinics, family planning and cervical cancer screening for all facilities in Blantyre City Assembly
- Facilitated screening of food handlers in Blantyre city.
- Wrote monthly, quarterly and annual reports.

January 1998 to July 1999: Nursing Sister (RNM)-Maternity Unit, Nkhoma Mission Hospital, Lilongwe Malawi

- Conducted through head to toe assessment to pregnant women at the antenatal clinic, and provided comprehensive and individualized care following midwifery management process and safe motherhood guidelines
- Admitted high risk pregnant women to the antenatal ward and provided care according to the established guidelines
- Admitted women in labor to the labour ward, and provided midwifery care to women in labor according to the Malawi Midwifery guidelines
- Delivered babies born through spontaneous vertex delivery
- Delivered babies through vacuum extraction and breech extraction
- Managed women in emergency high risk conditions including post-partum hemorrhage, eclampsia, cord prolapse and fetal distress.
- Prepared women for cesarean section, and received babies born by cesarean section in theatre
- Managed mothers and babies both low risk and high risk in postnatal ward after delivery

January 1998 - July 1999: Nursing Sister (RNM) Pediatric Ward, Nkhoma Mission Hospital, Lilongwe Malawi

- Admitted patients from in the pediatric ward emergency room to intensive care unit
- Conducted head to toe assessment of children, and provided care using nursing management process
- Supervised and gave technical support to nurses and other staff
- Taught and supervised students when allocated to the pediatric ward
- Oversaw 4 to 5 rooms in the emergency room and clinical decision unit.
- Educated patients and families on possible medication side effects and other procedure done on children
- Maintained clear and open communication with all of my patients on the plan for their care.
- Gave and received bedside reporting at change of shift
- Delivered high-quality and compassionate treatment to low-income patient community.
- Maintained sound, ethical and independent decision-making ability consistent with medical protocols.

Research Experience

July 2021-September 2023: Interdisciplinary Sexual Health and HIV Research Fellow-Principal Investigator: University of Rochester School of Nursing, Rochester, New York.

- Worked as a Principal Investigator of the study on the Community stakeholders' views of the sexual health development support of adolescents 10-14 years old in Rochester, New York
- Worked as a PI of a study titled: *Parental Sexual Health Development Support for Young Adolescents in Rochester, New York State, USA.*
- Worked as a PI of an Equity-Focused Dissemination and Implementation Research Pipeline-to-Pilot Award Project Titled: *Collaborating on Planning Research on Young Adolescents' Sexual Health Development Support in Rochester, NY.*

August 2017- August 2020: Research Assistant, University of Miami, School of Nursing and Health Studies Coral Gables, FL.

Research Assistant in Older Women Living with HIV Studies (August 2017-August 2020)

- Worked as a Research Assistant in a Minority Older Women Living with HIV Study, conducted at Jackson Hospital. The study was funded by Robert Wood Johnson Foundation-71968.
- Screened, enrolled and interviewed participants in Older Women Living with HIV study.
- Co-authored two articles from this study, one on *Exploring the psychosocial impact of minority older women living with HIV* published in the Journal of the American Psychiatric Nurses Association, and another on *Social determinants of depression among older Black Women living with HIV*, published in the Journal of the American Psychiatric Nurses Association.
- Prepared and co-authored a Poster presentation on *Fatigue among older Black women living with HIV*, presented at ANAC conference, Denver, Colorado (2018, November 8-10).
- Co-authored a poster Presentations on *Minority older women living with HIV: A call for attention in the 21st Century*. The poster was presented at the 15th International Congress of Behavioral Medicine, Nov 14-17, 2018. Santiago, Chile.
- Participated in the designing and execution of ¡ActuaYa! (Act Now!) study, a culturally tailored behavioral prevention intervention for older adult Hispanic women (aged 50+) in Broward County.
- Traced participants and maintained a linking list for participants in ¡ActuaYa! Study
- Safeguarded quality control in ¡ActuaYa! Study.

Research Assistant in Cannabis Studies (August 2019- August 2020)

- Screened and interviewed participants in Cannabis and cardiovascular disease risk study in the Center for AIDS Research-Miller School of Medicine.
- Participated in data transcription of qualitative data.
- Took lead of a systematic review to establish the existing evidence of cardiovascular and respiratory effects of cannabis by route of administration. The paper is under review in the Substance Use and Misuse Journal.
- Co-authored a Poster presentation on Cannabis, Nutrition intake and metabolism: An evolving state of science, presented to The College on Problems of Drug Dependence 2020 Scientific Meeting Virtual Experience (2020, June 22-24).

Research Assistant in a study on Family Caregivers of Children with Respiratory (August 2018-July 2019)

- Transcribed qualitative data of a study on Healthcare providers' experiences with gaps, barriers, and facilitators faced by family caregivers of children with respiratory diseases.
- Performed direct content analysis on the transcribed interviews for a study on Healthcare providers' experiences with gaps, barriers, and facilitators faced by family caregivers of children with respiratory diseases.
- Co-authored in an article on Healthcare providers' experiences with gaps, barriers, and facilitators faced by family caregivers of children with respiratory diseases that was published in Journal of Pediatric Nursing
- Conducted literature reviews for publications and grant application.
- Co-authored in two integrated reviews: One on Psychological and socioeconomic burdens faced by family caregivers of children with asthma published in a Journal of Pediatric Health

Care, and another on Medication adherence of Latino children and caregivers, published in a Hispanic Health Care International journal.

June 2019-December 2020: Principal Investigator: University of Miami, School of Nursing and Health Studies, Coral Gables, FL.

- Designed a quantitative secondary data analysis study on “Correlates and predictors of the development of sexual behaviors of young adolescent girls in the rural southern region of Malawi.
- Extracted data for 416 young adolescent girls 14 years old from Harvard data verse upon receipt of approval to access data.
- Used IBM Statistical Package for the Social Sciences (SPSS) version 26 to analyze the data using descriptive statistics, Mann-Whitney U test, Kruskal-Wallis H test, and binary and ordinal logistic regression. The study had 19 independent variables. Sexual behavior (sexual initiation, engagement of multiple sexual partners, and the use or protection) was the outcome variable

August 2010-2014: Research Consultant Experience, Lilongwe, Malawi.

January 2013-Dec 2014: Participated in a pilot project on delivering quality antenatal care in low resource settings: Examining innovative models and planning for scale up- Malawi- Tanzania Centering Pregnancy project. University of Malawi & University of Illinois, Chicago.

July-September 2012: Evaluated the role of traditional birth attendants in Malawi: Assigned by the Catholic Health Commission, Lilongwe, Malawi.

January-February 2012: Conducted a Kenya-Malawi Simplified Partograph Trial background survey Assigned by University of Manchester, England.

August-September 2010: Participated in a national assessment of emergency obstetric and newborn care. This was a national facility-based survey that involved all hospitals and selected health centers in Malawi. **Role:** Team Leader for Central Region: Ntchisi, Dowa and Lilongwe districts research team

January 2009-October 2010: Principal Investigator, University of Malawi, Kamuzu College of Nursing, Blantyre, Malawi

- Designed a mixed methods study on Factors *influencing utilization of Prevention of Mother to Child Transmission of HIV service among young adults (15-24 years) in Balaka District, Malawi.*
- Recruited 184 participants, postnatal mothers living with HIV from six health facilities in the district.
- Conducted structured face-to-face interviews with 184 women and individual in-depth interviews with 12 women who met criteria for the qualitative component of the study
- Performed descriptive statistics and test of significant differences using Chi-square statistics

- Performed directed content analysis on the transcribed interviews of the qualitative data.
- Results of this study were disseminated at local health facilities, at Sigma Theta Tau conferences in Malawi, and at the Pregnancy and Child Birth Conference in Tehran, Iran.
- Published three papers in International peer-reviewed journals under the following titles:
 - Prevention of mother-to-child transmission of HIV services in Malawi published on African Journal of Midwifery and Women’s Health,
 - Beliefs and practices of young women on utilization of prevention of mother- to-child transmission of HIV services in Malawi, published in the Journal of Health
 - Young women's knowledge and utilization of prevention of mother-to-child transmission of HIV service: Is there any relationship? Published in the International Journal of Childbirth.

April 2006-August 2008: Research Nurse at the University of Malawi, College of Medicine - Johns Hopkins University Research Project, Blantyre, Malawi.

- Attached to the HIV Prevention Trials Network (HPTN) 052 study, A5175 and A5185 Adult Clinical Trials Group (ACTG) studies.
- Screened and recruited of participants, randomized them to different arms
- Managed human subjects, conducted data quality control, counselled participants,
- Conducted individual and couple interviews and counseling
- Collected specimen collection, conducted randomization of participants, a
- Conducted report writing.

March 2002-Nov 2003: Principal Investigator, University of Malawi, Kamuzu College of Nursing, Lilongwe, Malawi

- Designed a quantitative study on “Factors influencing students’ performance in the clinical area at Trinity College of Nursing in Nsanje, Malawi.
- Recruited and conducted face to face interviews with 40 third year students in enrolled in the Nurse and Midwife Technician program, 18 qualified Nurse and Midwife Technicians, 5 Registered Nurses and 3 Tutors.
- Performed descriptive statistics using SPSS version 16.
- Results were disseminated to the school and hospital management staff.
- From this study's recommendations, the nursing school revised the assessment tools and reorganized the students' clinical experiences. This initiative contributed to a 100% pass rate in the licensure examinations a year following the implementation of this intervention.

Publications

Muheriwa Matemba, S.R.; Cianelli, R.; De Santis, J.; Villegas Rodriguez, N.; Kaponda, C.P.N., McMahan, J.M & Leblanc, N.M. (2023). Socio-ecological Associations of the Development of Sexual Behavior in Young Adolescent Girls in the Rural Southern Region of Malawi. *Journal of Early Adolescence* 0(0). <https://doi.org/10.1177/02724316231199221>

Leblanc, N.M.; St. Vil, N.M.; Bond, K.T.; Mitchell, J.W.; Juarez, A.C.; Lambert, F.; **Muheriwa, S.R.;** McMahan, J. (2022). Dimensions of Sexual Health Conversations among U.S. Black Heterosexual Couples. *International Journal of Environmental Research and Public Health*, 20(1), 588. <https://doi.org/10.3390/ijerph20010588>

Muheriwa Matemba, S.R.; Cianelli, R.; Leblanc, N.M.; Zhang, C.; De Santis, J.; Villegas Rodriguez, N.; McMahan, J.M. (2022). Associations between Home- and School-Based

Violent Experiences and the Development of Sexual Behavior in Young Adolescent Girls in the Rural Southern Region of Malawi. *International Journal of Environmental Research and Public Health*, 19, 5809.

Muheriwa Matemba, S. R., Cianelli, R., McCabe, B. E., & Chilemba, E. (2021). Health-related interventions for youth living with perinatally acquired HIV in sub-Saharan Africa: A systematic review of the evidence. *Journal of HIV/AIDS & Social Services*, 20(1), 1-32. doi:10.1080/15381501.2021.1900975 <https://doi.org/10.1080/15381501.2021.1900975>

Cianelli, R., Villegas, N., Oliveira, G. D., Sailsman, S., Montano, N. P., Martinez, A. S., Toledo, C., **Muheriwa, S.**, & Sanchez, H. (2020). Exploring the psychosocial impact of minority older women living with HIV on minority older women. *Journal of the American Psychiatric Nurses Association*, doi:10.1177/1078390320927462

Foronda, C. L., Jawid, M. Y., Alhusen, J., **Muheriwa, S. R.**, Ramunas, M. M., & Hooshmand, M. (2020). Healthcare providers' experiences with gaps, barriers, and facilitators faced by family caregivers of children with respiratory diseases. *Journal of Pediatric Nursing*, 52, 49-53. doi:10.1016/j.pedn.2020.03.003

Foronda, C. L., Kelley, C. N., Nadeau, C., Prather, S. L., Lewis-Pierre, L., Sarik, D. A., & **Muheriwa, S. R.** (2020). Psychological and socioeconomic burdens faced by family caregivers of children with asthma: An integrative review. *Journal of Pediatric Health Care*, 34(4), 366-376. doi:10.1016/j.pedhc.2020.02.003

Foronda, C. L., **Muheriwa, S. R.**, Fernandez-Burgos, M., Prather, S., & Nersesian, P. (2019). Medication Adherence of Latino Children and Caregivers: An Integrative Review. *Hispanic Health Care International*, doi:10.1177/1540415319896623.

De Oliveira, G. C., Cianelli, R., Villegas, N., Solorzano Martinez, A., Hires, K., & **Muheriwa, S. R.** (2019). Social Determinants of Depression Among Older Black Women Living With HIV. *Journal of the American Psychiatric Nurses Association*. <https://doi.org/10.1177/1078390319858415>

Chikalipo, M. C., Nyondo-Mipando, L., Ngalande, R. C., **Muheriwa, S. R.**, & Kafulafula, U. K. (2018). Perceptions of pregnant adolescents on the antenatal care received at Ndirande Health Centre in Blantyre, Malawi. *Malawi Medical Journal: The Journal of Medical Association of Malawi*, 30(1), 25-30. doi: 10.4314/mmj.v30i1.6

Pindani, M., Nkondo, M., Maluwa, A., & **Muheriwa, S.R.** (2014). Stigma and discrimination against people living with HIV and AIDS in Malawi. *World Journal of AIDS*, 04(02), 123–132. doi: 10.4236/wja.2014.42016

Mseu, D., Nyasulu, B. M., & **Muheriwa, S. R.** (2014). Evaluation of a safe motherhood project in Ntcheu District, Malawi. *International Journal of Women's Health*, 6, 1045–1055. <https://doi.org/10.2147/IJWH.S40109>

Muheriwa, S., Chimwaza, A., Maluwa, A., & Kamanga, M. (2013). Prevention of mother to child transmission of HIV services in Malawi. *African Journal of Midwifery and Women's Health*, 6(3), 139–144. <http://dx.doi.org/10.12968/ajmw.2012.6.3.139>

Muheriwa, S. R., Chimwaza, A., Maluwa, A. O., Nyasulu, B. M., & Pindani, M. (2013). Beliefs and practices of young women on utilization of prevention of mother to child transmission of HIV services in Malawi. *Health*, 05(07), 1172–1179. <http://dx.doi.org/10.4236/health.2013.57158>

Muheriwa, S. R., Chimwaza, A., Maluwa, A., & Kamanga, M. (2012). Young women's knowledge and utilization of prevention of mother-to-child transmission (PMTCT) of HIV services: is there any relationship? *International Journal of Childbirth*, 2(3), 163–172. <http://dx.doi.org/10.1891/2156-5287.2.3.163>.

Other works, publications, and abstracts

Muheriwa, S., Glazier, A., Harris, T., Coleman, A., Johnson, D., Shamrock, O., & Leblanc, N. (2023). The Community Stakeholders' Perspectives on Recruiting Young Adolescents (ages 10-14) in Sexual Health Research in Western New York State. *Journal of Adolescent Health*, 72 (3), S97. <https://doi.org/10.1016/j.jadohealth.2022.11.195>

Muheriwa S., Cianelli, R. and McCabe, B.E. (2019). Interventions for the perinatally infected youth in Sub-Saharan Africa: A systematic review. *Reviews in Antiretroviral Therapy & Infectious Diseases 7*. Abstract Book 11th International Workshop on Pediatric HIV, 19-20 July Mexico City, 142, 2019.

In Press

Leblanc, N. M., **Muheriwa-Matamba, S.R.**, Vil N.S., ; Alcena-Stiner, D., Bond, K.T., Glazer, A., Rosario-McCabe, L., Lambert, F., Smith, M. Couple-Centered HIV Prevention and Care: Endorsement, Practice and Uncertainty among US Healthcare Providers in Western-Central Upstate New York. *PLOS ONE*

Muheriwa Matamba, S. R., Anson, E., McGregory, H., Zhang, C. & LeBlanc, N.M. Early sexual debut among young adolescent boys and girls (10-14 years): A determinant for early initiation of sexual health support in the United States. *Journal of Adolescent Health*.

National and International Research Presentations

Muheriwa Matamba, S.R. (March 14, 2023). *Advancing Adolescent Sexual Health Promotion: Piloting a Community-informed Human-Centered Design Study for Young Adolescents' Healthy Sexual Development Support in Rochester NY, USA*. Oral Presentation. Lunch and Learn Series, University at Buffalo, NY, USA.

Muheriwa Matamba, S.R., Glazier, A., Johnson, D., Wumpini, S.O., Harris, T., Coleman, A., LeBlanc, N.M. (March 7-10, 2023). *The Community Stakeholders'*

Perspectives on Recruiting Young Adolescents (ages 10-14) in Sexual Health Research in Western New York State. Poster Session. Annual Meeting of the Society for Adolescent Health and Medicine (SAHM), Sheraton Grand Chicago Riverwalk in Chicago, IL, USA.

Muheriwa Matemba, S.R., Glazier, A. & LeBlanc, N.M. (2022, November 3-6). *The Community Stakeholders' Perspectives of the Sexual Health Development Support for Young Adolescents (10-14 years) in Western New York, USA: A Qualitative Descriptive Study.* Poster Session. The Society for the Scientific Study of Sexuality Annual Conference, Vancouver, B.C. Canada.

Muheriwa Matemba, Sadandaula R., Ciminelli, J.T., Anson, E., Zhang, C. & LeBlanc, N.M. (2022, November 3-6). *Early sexual debut among young adolescent boys and girls (10-14 years): a determinant for early initiation of sexual health support in the United States.* Oral Session. The Society for the Scientific Study of Sexuality Annual Conference, Vancouver, B.C. Canada.

Muheriwa Matemba S.R. Cianelli, R., Leblanc, N. M., De Santis, J., Hooshmand, M., Villegas Rodriguez, N. & Kaponda. C.P.N. (2021, September 29-October 7, 2021). *Associations of home and school-based violence and the development of sexual behaviors.* International Workshop on HIV and Adolescence: Virtual conference

Cianelli, R., Villegas, N., Peragallo Montano N., De Oliveira, G., Toledo, C., **Muheriwa, S.**, & Iriarte, E. (2021). *Bridging the Gap for HIV Prevention among Minority Black and Hispanic Older Women Living with HIV.* International Congress of Behavioral Medicine. June 7-11, 2021. Santiago, Chile. Virtual Zoom.

Vyas, N., **Muheriwa S.R.**, Mebane, I., & Vidot, D.C. (2020, June 22-24). Cannabis, Nutrition intake and metabolism: An evolving state of science. The College on Problems of Drug Dependence 2020 Scientific Meeting Virtual Experience.

Muheriwa S.R., Cianelli, R., McCabe, B.E. & Chilemba, E. (2019, August 14 – 16). Interventions for the perinatally HIV infected youth in Sub-Saharan Africa: A systematic review. Oral session: Presented at the Sigma Theta Tau: Chi-Xi at-Large Chapter Conference. Bingu International Convention Centre, Lilongwe, MALAWI.

Muheriwa S.R., Cianelli, R. and McCabe, B.E. (2019, July 19-20). Interventions for the perinatally HIV infected youth in Sub-Saharan Africa: A systematic review. Poster Session: Presented at the 11th International Workshop on Pediatric HIV, Mexico City.

Cianelli, R., Villegas, N., De Oliveira, G., Toledo, C., **Muheriwa, S.**, Sanchez, H. & Peragallo Montano, N. (2018, November 8-10). Fatigue among Older Black Women Living with HIV. Poster session: Presented at ANAC Conference, Denver, Colorado.

Cianelli, R., Villegas, N., Ferrer, L., Peragallo, N., De Oliveira, G., Toledo, C. **Muheriwa, S.**, Sanchez, H. Minority older women living with HIV: A call for attention

in the 21st Century. 15th International Congress of Behavioral Medicine. Nov 14-17, 2018. Santiago, Chile.

Muheriwa Matemba S. R. Midwifery Education in Malawi. Paper presented at Karolinska Institutet, Stockholm, Sweden. Malawi-Sweden collaboration consultative session 20- 25th October 2014

Muheriwa, S.R., Chimwaza, A.F., Maluwa, A.O and Kamanga, M. (July 2nd- 4th, 2012). (*Factors influencing utilization of Prevention of Mother to Child Transmission of HIV services in young women in Balaka District in Malawi.* Paper session presented at the 12th Annual Tau Lambda at Large Conference-Evidence based Practice in Nursing and Midwifery, Blantyre, Malawi.

Muheriwa, S.R., Chimwaza, A.F., Maluwa, A.O. and Kamanga, M. (February, 14-17th 2012). *Knowledge and practices of young women on utilization of PMTCT services. Is there any relationship?* Paper session presented at the 2nd Safe pregnancy and Motherhood International Conference, Tehran, Iran.

Grand Rounds and Webinars /Seminars

Muheriwa Matemba, S.R. (February 05, 2024). Advancing adolescent sexual health development support pilot study-phase 3: A plan to engage young adolescents in sexual health research. University of Illinois Chicago Center for Dissemination and Implementation Science Seminar, Chicago, IL, USA.

Muheriwa Matemba, S.R. (October 31, 2023). Collaborating on Planning Equity-Focused Research to Advance Young Adolescents' Sexual Health Development Support in Rochester, NY. USA. University of Rochester Clinical and Translation Science Institute Equity-Focused Dissemination and Implementation Seminar, NY, USA

Muheriwa Matemba, S.R. (August 8, 2023). *Advancing Adolescent Sexual Health Promotion Pilot Study-Phase 2: Parents/Caregivers' Perspectives and Support of Sexual Health Development for Young Adolescents (10-14 Years Old) in Rochester, NY.* University of Rochester School of Nursing Grand Rounds, NY, USA

Muheriwa Matemba, S.R. (March 14, 2023). *Advancing Adolescent Sexual Health Promotion: Piloting a Community-informed Human-Centered Design Study for Young Adolescents' Healthy Sexual Development Support in Rochester NY, USA.* Oral Presentation. Lunch and Learn Series, University at Buffalo, NY, USA.

Guest Lecturing

Muheriwa Matemba, S.R. (February 28, 2024). Utilizing A Community Engagement Approach to Advance Young Adolescent Sexual Health Support: Considerations in Qualitative Research and Multicultural Understandings. Guest Lecture: University of Rochester School of Nursing, NY, Qualitative Course (NURS555).

Muheriwa Matemba, S.R. (November 06, 2023). Collaborating on Planning Equity-Focused Research to Advance Young Adolescents' Sexual Health Development Support in Rochester, NY. USA. Guest Lecture: University of Rochester School of Medicine and Dentistry, Maternal and Child Health Course, NY, USA

Grants Submitted and Awarded

August 2022: Principal Investigator

Submitted a grant proposal to the University of Rochester Clinical and Translation Science Institute: Equity-Focused Dissemination and Implementation Research Pipeline-to-Pilot Awards. Project Title: *Collaborating on Planning Research on Young Adolescents' Sexual Health Development Support in Rochester, NY.*

Awarded: \$10,000.00. Award number UL1 TR002001: National Center for Advancing Translational Sciences of the National Institutes of Health

June 2022: **Principal Investigator**

Submitted a grant proposal to Harriet J Kitzman Center for Research Support Award Program, URMC. Project Title: *Parental Sexual Health Development Support for Young Adolescents in Rochester, New York State, USA.* **Awarded the US \$7,981.00.**

April 2022: **Principal Investigator**

Submitted a grant proposal to the University of Rochester Clinical and Translation: Health Equity -Focused Dissemination & Implementation Mini-grant. Project Title: *The community stakeholders' views on sexual health development support for young adolescents (10-14 years) in Rochester City, New York State, USA.* **Awarded US \$2000.00.** Award number UL1 TR002001: National Center for Advancing Translational Sciences of the National Institutes of Health.

October 2020: **Principal Investigator**

Submitted a grant proposal to Sigma Theta Tau Beta Tau Chapter, Beta Tau 2020. Student Scholarly Award. Project Title: *Experiences of young adolescent girls that influence the development of their sexual behaviors in the rural southern region of Malawi.* **Awarded: US \$ 1 314.00.**

May 2019: **Principal Investigator**

Submitted a grant proposal to Sigma Global Nursing Research Grant opportunities. Project title: *HIV Prevention among Young Adolescent Girls (10-14 years) in Rural Malawi.* Funding: Up to US \$ 10,000.00.

December 2014: **Co-Principal Investigator**

Submitted a grant proposal to Norwegian Programme for Capacity Development in Higher Education and Research for Development (NORHED 001/12/2014). Project title: *Birth positions: Knowledge and practices of midwives at Bwaila Maternity Unit.* **Awarded: MK4, 000,000.00 (\$ 5,714. 29)**

PROFESSIONALEditorial responsibilities

2023-Present	Reviewer for International. Journal of Environmental Research and Public Health
2022-Present	Reviewer for Journal of Reproductive Health
2022-Present	Reviewer for AIDS Care - Psychology, Health & Medicine – Vulnerable Children and Youth Studies
2022-Present	Reviewer for Journal of Association of Nurses in AIDS Care
2021-Present	Reviewer for Journal of Pharmaceutical Research International
2020-Present	Reviewer for Asian Journal of Medical Principles and Practice
2017-Present	Reviewer for the Journal of Advances in Medicine and Medical Research
2017-Present	Reviewer for Asian Journal of Medicine and Health
2016-Present	Reviewer for Journal of International STDs Research and Reviews

Professional and Honorary Organizations

2023-Present	Member Violence Prevention Committee, Society for Adolescent Health and Medicine
2023-Present	Member, National Black Nurses Association Scholarship & Awards Committee, USA.
2023-Present	Member Journal of the Association of Nurses in AIDS Care editorial board
2022-2023	Editorial Intern, Journal of the Association of Nurses in AIDS Care
2022-Present	Scholarship and Awards Committee Member, National Black Nurses Association, USA
2022-Present	Member of the Society for the Scientific Study of Sexuality
2022-Present	Member, Youth Service Quality Council, Rochester, NY, USA
2021-Present	Member Rochester Black Nurses Association, New York
2021-Present	Member, Association of Nurses in AIDS Care
2020-Present	Sigma Beta Tau Chapter, University of Miami, FL.
2016-Present	Sigma Theta Tau: Chi-Xi at-Large Chapter, African Region Chapter
2012-Present	Examiner for Nurses and Midwives Council of Malawi. Set, moderate, and mark licensure examinations for Midwives in Malawi
2008-Present	Member of the Association of Malawian Midwives in Malawi.
1997-Present	Member of the National Organization of Nurses in Malawi.

Honors and Award

2022	Awarded Early Career Professional Award, 2022 Annual Conference for the Society for the Scientific Study of Sexuality, Vancouver, B.C., Canada, 3-6 November 2022.
2012	Awarded a Shahid Beheshti University award for being the overall best presenter at the International Safe Pregnancy and Motherhood conference in Tehran- Iran.
2011	A warded a Global health Fulbright scholarship. This scholarship accorded to

promising early career faculty from developing countries to attend a 4-week inter-professional education workshop in the United States of America. The purpose was to live and learn together with people of different cultures and become part of a global network that fosters mutual understanding between nations, advances knowledge across communities, and improve lives around the world

2010 Received a Dr. Address Malata award for being the best overall student for the 2009 Masters in Midwifery class. September 17, 2010.

Certifications

1997 Registered Nurse: Nurses and Midwives Council of Malawi. Licensed to practice as a Registered Nurse

1999 Registered Midwife: Nurses and Midwives Council of Malawi: Licensed to practice as a Registered Midwife

2017 Basic Life Support: American Heart Association: Resuscitation Council of South Africa

2020 Prevention of Medical Errors: CE Broker: The official continuing education tracking system for the Florida Department of Health, the Ohio Board of Speech, and other regulating agencies in the United States

2020 Collaborative Institutional Training Initiative (CITI) Program: University of Miami /Jackson Health System Human Subjects Research (HSR), Group 2: Social-Behavioral-Educational Researchers

SERVICE

Professional, University Committee and Administrative Responsibilities

2020-2021 Member, Scientific Committee, Sigma Theta Tau: Chi-Xi at-Large Chapter, African Region Chapter 2021 Conference

2014-2016 Member of College management Committee at the University of Malawi Kamuzu College of Nursing

2014-2016 Member of College Assessment Committee at the University of Malawi, Kamuzu College of Nursing

2015-2016 Secretary for Continuous Professional Development at the University of Malawi, Kamuzu College of Nursing

Community Engagement Activities

2023-Present Collaboration with Access Living of Chicago to plan and implement research and interventions to advance sexual health support for young adolescents living with disabilities in Chicago

2021-Present Collaboration with Monroe Family Coalition Inc. to plan and implement

research and interventions to advance sexual health support for young adolescents

2021-Present Collaboration with Rochester City Department of Recreation and Human Services to plan and implement research and interventions to advance sexual health support for young adolescents

2013-2016 Youth Matron - St John's Catholic Parish of the Lilongwe Arch Diocese
Planned and implemented the activities for the youth in partnership with the youth and church leadership.

Conducted trainings for youth on health-related matters including prevention of pregnancy, HIV and AIDS, life skills, and religious matters.

Acted as a link between the youth, the church and other non-governmental organizations in planning and developing entrepreneurship programs, sports and recreation.

References

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