

POSITION TITLE: Associate Professor, School of Nursing and Midwifery / University of Rwanda

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	Completion Date MM/YYYY	FIELD OF STUDY
University of KwaZulu-Natal, South Africa	PhD	2014	Nursing
University of KwaZulu-Natal, South Africa	MSN	2005	Nursing (mental health)
University of KwaZulu-Natal, South Africa	BSN	2004	Nursing
Institutions Universitaires de Psychiatrie de Genève, Suisse	Diploma	1994	Psychiatric Nursing
Ecole d'Assistants Médicaux de Kigali, Rwanda	Certificate, Secondary School	1984	Medical Assistant

Personal Statement

I have the clinical background, research training, and resources to successfully contribute to the wellbeing of vulnerable population victims of violence.

Upon completion of my education as a psychiatric nurse, which was early after the genocide against Tutsi in Rwanda in 1996, I started working with vulnerable populations including those who survived the genocide against Tutsi. Through my clinical work at the National Trauma Center, jointly created by the Ministry of Health and UNICEF, I first witnessed the negative effects of stigma. A significant number of the persons seeking care at the National Trauma Center were women rape survivors who have been infected with HIV who were experiencing both stigma from being raped and infected with HIV. I continued to work in clinical setting and with colleagues from the international NGO, WE-ACT, we joined our efforts to provide holistic care to women infected with HIV in 1994 in the time of genocide against Tutsi and their families. At that time, I was only able to work at the clinic 10 hours weekly and working the rest of the time as faculty in Mental Health Department/Kigali Health Institute. Thereafter I advocated for a full time position of another psychiatric nurse at WE-ACT whom would take care of the women on daily basis. In order to respond to emerging needs of these women, I co-created with my colleagues, therapeutic support groups. Eventually, these therapeutic support groups also become a mechanism for income generation for these women living with HIV.

On completion of my PHD studies in 2014, I started working with SEVOTA (Solidarité pour l'Epanouissement des Veuves et des Orphelins visant le Travail et l'Auto promotion) which is an association for vulnerable population made by widows and orphans that aims their

wellbeing and self-reliance. Those widows are mainly rape survivors and many of them were contaminated with HIV through their experience of rape. My key role is clinical supervision for therapists who are counseling those women.

In regards to research, I have great skills in qualitative research methodologies and have published various articles in the field of genocidal rape trauma management, women's health, midwifery and nursing education. One article addressing the topic of genocidal rape received an award for the best article of 2009 from the *International Journal of Nursing Scholarship*, a major peer-reviewed journal in nursing. My research interest is in mental health, education and sexual violence against women, my PhD research topic was on "Management of the long term psychological effects of rape among women survivors of the 1994 genocide in Rwanda: A grounded theory approach.

B. Positions and Honors

Positions:

- March 2020 to date: Associate Professor in Mental Health Department/School of Nursing and Midwifery/ University of Rwanda
- August 2014 to February 2020: Dean of the School of Nursing and Midwifery at the College of Medicine and Health Sciences/ University of Rwanda.
- 2015 to date : Clinical supervisor at SEVOTA
- 2007 – 2010: Head of Mental Health Nursing Department, University of Rwanda (former Kigali Health Institute).2006 -2016: Part-time mental health Nurse at WE-ACT
- 2006 -2010: Lecturer at Kigali Health Institute, and Guest lecturer at Institut Supérieur de Santé Publique de Bujumbura, Burundi, and National University of Rwanda.
- 1999-2002: Coordinator of clinical placement in the Department of Mental Health Nursing at Kigali Health Institute.
- 1996-1999: Coordinator of Clinical Services au Centre National de Traumatisme à Kigali, Rwanda.

Honors:

- 2009: Winner for Best article of the International Journal of Nursing Scholarship 2009 "The Lived Experience of Genocide Rape Survivors in Rwanda" 30 October- 4 November 2009 in Indianapolis, USA.
- Transformational Leadership Award by the Lead Nurse Africa International Foundation on 25 April 2018 Lagos/Nigeria
- Fellow of American Academy of Nursing inducted on 29 October 2022 in Washington D.C/USA
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Nursing License:

- The Rwanda National Council of Nurses and Midwives Licence. The licence number: Registered Mental Health Nurse (RMHN) 1045152 issued on 29th August, 2013.

C. Contributions to Science

Being the first mental health nurse in Rwanda, I pioneered the education of mental health nurses in 1998. Today, Rwanda counts more than 500 professional nurses providing mental health care from community level to the tertiary level. In 2015 in collaboration with national and international partners, I initiated a program of Masters in Nursing Sciences yielding more than 200 graduates in different specialties including medical surgical nursing, peri-operative, oncology, pediatric nursing, critical care and trauma nursing and education, leadership and management. Currently some of them are pursuing their PHD studies in the School of Nursing and Midwifery that has been opened in 2017. The graduates from the School of Nursing and Midwifery are contributing not only to quality nursing care delivery in health care systems in Rwanda but also best students were recruited to join nursing faculty thereby reducing the shortage of nursing faculty in the University of Rwanda resulting in quality teaching and research in nursing improved.

Within five years I have been collaborating with researchers from Worldwide in the area of maternal and child health, mental health, education, HIV and stigma.

In the area of HIV and stigma I have completed a research project on Stigma experiences among women living with HIV in East Africa from Nov 2017-Aug 2018 in collaboration with Researchers from Duke University & Muhimbili University, the results were published in International Journal of Nursing Studies in August 2022. Currently I am involved in project on Acceptability of an Internalized Stigma Reduction Intervention Among Women Living with HIV in Rwanda and Tanzania with the same team from Duke University and Muhimbili University from December 2019- to present.

I have established a partnership between Western University (Ontario, Canada) and the University of Rwanda School of Nursing and Midwifery to implement and evaluate the project, Training Support Access Model-Maternal Newborn and Child Health (TSAM-MNCH). TSAM-MNCH which was a 4-year project, starting in March 2016-2020 designed to reduce maternal, newborn, and child mortality through pre-service and in-service training in Rwanda.

South Initiative International & Digital Midwifery Workplace learning Network project funded by VLIR/UOS project 2018-2019. This was carried out in collaboration with researchers from Artevelde University College Ghent (Belgium).

In developing junior researchers I am involved in research supervision of Master and PHD students that yield to publications in different areas as shown in the following publications.

1. **Mukamana D**, Gishoma D, Holt L, Kayiranga D, Na JJ, White R, Nyblade L, Knettel BA, Agasaro C, Relf MV. Dehumanizing language, motherhood in the context of HIV, and overcoming HIV stigma - the voices of Rwandan women with HIV: A focus group study. *Int J Nurs Stud.* 2022 Nov;135:104339. doi: 10.1016/j.ijnurstu.2022.104339. Epub 2022 Aug 9. PMID: 36088732.
2. Ndayisenga, Jean Pierre Nkurunziza, Aimable **Mukamana**, **Donatilla** Josephine, Murekezi, Babenko-Mould, Yolanda Kasine, Yvonne Tengera, Olive Muhayimana, Alice Bahumura, Joy Yamuragiye, Assumpta. Evans, Marilyn. Nursing and Midwifery Students' Perceptions and Experiences of Using Blended Learning in Rwanda: A Qualitative Study. *Rwanda Journal of Medicine and Health Sciences.* 5. 203-215. 10.4314/rjmhs.v5i2.9.
3. Olson AK, Babenko-Mould Y, Tryphonopoulos PD, **Mukamana D**, Cechetto DF. Nurses' and nurse educators' experiences of a Pediatric Nursing Continuing Professional Development program in Rwanda. *International Journal of Nursing Education Scholarship.* 2022 Jan;19(1). DOI: 10.1515/ijnes-2021-0155. PMID: 36005553.
4. Uwimana P, **Mukamana D**, Babenko-Mould Y, Adejumo O (2022) Exploring factors affecting the facilitation of nursing students to learn paediatric pain management in Rwanda: A descriptive qualitative study. *PLoS ONE* 17(2): e0263609. doi.org/10.1371/journal.pone.0263609.
5. Muhayimana ayimana, Alice & Mukamana, Donatilla & Ndayisenga, Jean Pierre & Tengera, Olive & Josephine, Murekezi & Uwacu, Josette & Mbabazi, Eugenie & Musabe, Joyce. (2020). Implications of COVID-19 Lockdown on Child Preparedness among Rwandan Families. *Research Journal of Health Sciences.* 8. 214-220. 10.4314/rejhs.v8i3.8.
6. Glorieuse Uwizeye, Zaneta M. Thayer b,c , Holli A. DeVon d , Linda L. McCreary e , Thomas W. McDade f , **Donatilla Mukamana** , Chang Park e , Crystal L. Patil a , Julienne N. Rutherford a. **Double Jeopardy: Young adult mental and physical health outcomes following conception via genocidal rape during the 1994 genocide against the Tutsi in Rwanda.** *Social Science & Medicine* 278 (2021) 113938. PP1-9. <https://doi.org/10.1016/j.socscimed.2021.113938>
7. Ndayisenga, J.P. , **Mukamana, D.** , Tengera O. , Murekezi, J. , Muhayimana, A. , 1,3 Nsaba Uwera, Y.D.,2021. **Early routine amniotomy: an unnecessary procedure.** *Res. J. of Health Sci.* Vol 9(1), January/March 2021.PP77-81
8. Uwimana P. , **Mukamana D.** , Adejumo O. , Babenko-Mould Y. , Umubyeyi B.,2021. **Facilitation of nursing students' competency acquisition for paediatric pain management in low- and middle-income countries: a scoping review.** *Res. J. of Health Sci.* Vol 9(1), January/March 2021. PP 82-99

9. Philomene Uwimana , **Donatilla Mukamana** , Oluyinka Adejumo¹ , Yolanda Babenko-Mould². **Pediatric pain management competencies taught to nursing students in Rwanda: Perspectives of nurse educators, preceptors and nursing students**. Journal of Nursing Education and Practice 2020, Vol. 10, No. 12. PP21-29
10. Rosa, W.E., Dossey, B.M., Koithan, M., Kreitzer, M.J., Manjrekar, P., Meleis, A.I., **Mukamana, D.**, Ray, M.A. and Watson, J., 2020. **Nursing Theory in the Quest for the Sustainable Development Goals**. Nursing Science Quarterly, 33(2), pp.178-182.
11. **Donatilla Mukamana** , Mieke Embo, Olive Tengera , Alice Muhayimana¹ , Josephine Murekezi , Hilde DeGrave , Jean Pierre Ndayisenga, Martin Valcke. **Perceptions of midwifery students, mentors, and supervisors on the use of clinical teaching portfolio in Rwanda**. Online Published: July 5, 2020 DOI: 10.5430/jnep.v10n10p52 URL: <https://doi.org/10.5430/jnep.v10n10p52>
12. Emmerance Uwingabire, Olive Tengera, Miriam Batamuriza, Donatilla Mukamana. **Umbilical Cord Care Among Postnatal Mothers in Kibungo Hospital Catchment Area, Rwanda**, Rwanda Journal of Medicine and Health Sciences Vol.3 No.2, June 2020 <https://doi.org/10.4314/rjmhs.v3i2.7>.
13. Emerthe Musabyemariya, **Donatilla Mukamana**, Claudine Muteteli, Phoibe Uwizeyimana, Geldine Chironda, Lakshmi Rajeswaran, **Neonatal Hypothermia: Mothers' Knowledge and Practice at a Provincial Hospital in Rwanda**, , Rwanda Journal of Medicine and Health Sciences Vol.3 No.2, June 2020 <https://doi.org/10.4314/rjmhs.v3i2.7>.
Vol. 3 No. 2 (2020)
14. **Mukamana D.**, Lopez Levers L., Johns K., Gishoma D., Kayiteshonga Y., Ait Mohand A. (2019) **A Community-Based Mental Health Intervention: Promoting Mental Health Services in Rwanda**. In: Okpaku S. (eds) Innovations in Global Mental Health. Springer, Cham. https://doi.org/10.1007/978-3-319-70134-9_36-1
15. Ngendahayo F, **Mukamana D**, Ndateba I, Nkurunziza A, Adejumo O, Chironda G. **Chronic Kidney Disease (CKD): Knowledge of Risk Factors and Preventive Practices of CKD Among Students at a University in Rwanda**. Rwanda Journal of Medicine and Health Sciences. 2019 May; 2(2):185-193. doi:10.4314/rjmhs.v2i2.15.
16. Ryamukuru D, Ndateba I, **Mukamana D**, Mukantwari J, Adejumo O, Collins A. **Assessment of Anxiety in Patients Awaiting Surgery in a Referral Hospital in Rwanda**. Rwanda Journal of Medicine and Health Sciences. 2019 May; 2(2):112-117. doi:10.4314/rjmhs.v2i2.6.
17. Mukantwari, J., Omondi, L., Ndateba, I. and **Mukamana D.**, 2019. **Indwelling urinary catheter use and associated outcomes among adult patients undergoing surgery**. *Rwanda Journal of Medicine and Health Sciences*, 2(1), pp.34-42.
18. Ryamukuru D, Mukantwari J, Omondi L, Karonkano G, Uzikwambara L, Munyaneza E, Karera E, Uwera T, Mbonera F, Ntakirutimana C, Nzamurambaho P. **Mukamana**

- D. Clinical experiences of perioperative nursing Masters students in selected Rwandan referral hospitals.** Rwanda Journal of Medicine and Health Sciences. 2018 July; 1(1). doi:10.4314/rjmhs.v1i1.6.
19. Dussault G, Cancedda C, Cotton P, Shema J, Rulisa S, Riviello R, Adams LV, Farmer PE, Kagwiza JN, Kyamanywa P, **Mukamana D**, et al. **Reflections on Health Workforce Development Comment on "Health Professional Training and Capacity Strengthening Through International Academic Partnerships: The First Five Years of the Human Resources for Health Program in Rwanda"**. Int J Health Policy Manag. 2019 Apr 1;8(4):245-246. doi: 10.15171/ijhpm.2018.129.
 20. **Mukamana, D.**, Collins, A. and Rosa, W.E., 2018. **Genocide rape trauma: A Conceptual Framework for Understanding the Psychological Suffering of Rwandan Survivors.** Research and theory for nursing practice, 32(2), pp.125-143.
 21. **Mukamana,D.**, Brysiewicz, P., Collins, A., Rosa, W., **Genocide Rape Trauma Management: An Integrated Framework to Support Survivors**, ANS. Advances in nursing science 2018/02/01. DO - 10.1097/ANS.0000000000000177

Conferences and workshops for knowledge exchange:

- October 27-29,2022, Donatilla Mukamana, Inducted as Fellow of American Academy of Nursing at Health Policy Conference at Washington D.C/USA
- September 22 – 24, 2021, Donatilla Mukamana, Planning Committee Chair of the 4th Annual Africa Interdisciplinary Health Conference/ Kigali-Rwanda
- IAPN Virtual Conference July 28, 2021 The role of mental health nurses in reducing the mental health burden related to COVID-19 in Rwanda – Presenters: Donatilla Mukamana RMHN, PhD and Edmond Dufatanye RMHN, B.Sc.N
- 5-6 October 2018 Co-organizer of the First Neonatal conference “ New frontiers for African neonatal care” in collaboration with Council of International Neonatal Nurses and Rwanda Association of Neonatal Nurses, and Global Engagement Institute Kigali Rwanda/ School of Nursing ad Midwifery /University of Rwanda
- 25 April 2017 organizer and presenter at the Workshop on "Resources to support the healing and resilience of women affected by the Genocide Rape Trauma Syndrome in Rwanda» College of Medicine and Health sciences/University of Rwanda/ Kigali.
- 11 November 2016 international symposium on “Restauration la confiance humaine dévastée » keynote speaker at Hôpital du Valais/ Switzerland.
- 5 October 2016 9th annual Dorothy Powell Global Health Lecture at Duke University/USA Key note speaker on Rwandan women and post-traumatic stress disorder resulting from the genocide against Tutsi. North Carolina/USA

- 9 December 2013 Key note speaker on Rape as a weapon of genocide, presentation at the conference of celebration of the 65th anniversary of the United Nations convention on the Prevention and Punishment of the crime of Genocide. University of Rwanda/ Kigali.
- 19 October 2013. Panelist presenter on The impact of rape during the genocide against Tutsi in Rwanda. At Marjorie Kovler Center (Treatment of victims of torture) Chicago-Illinois-USA.
- 18 October 2013 Panelist presenter on Health and Human Rights in Africa: Mental Health and Gender politics in post –genocide Rwanda. Public lecture at the University of Chicago Illinois-USA
- 17 October 2013 Panelist presenter at the Jewish Reconstruction Congregation in Chicago/Illinois. Topic: Rebuilding after genocide: A conversation
- 26 June 2013 Panel presentation on Role of the community in healing process of the Genocide Rape Trauma among women survivors of the 1994 genocide against Tutsi in Rwanda. Symposium at Serena Hotel/Kigali-Rwanda.
- 12- 16 May 2009: Panelist Presenter at the 162nd APA Annual Meeting in San Francisco, USA. Healing Traumatic Wounds Post-Genocide Rwanda: A View from the Inside.
- December 2007: Invited Keynote Speaker in the international conference on Debriefing in trauma counseling Tribunal International pour le Rwanda/Kigali-Rwanda.
- May 2007: Invited Keynote Speaker in the conference on Best practice in psychological management and handling of Rwandan Witnesses/Victims/Arusha- Tanzania.
- April 2007: Training of mental health workers on “harmonization of practices from mental health workers on care and management of emotional distresses occurring during the commemoration period of genocide against Tutsi” organized by the Ministry of Health /Mental Health National Program.

LANGUAGES

Kinyarwanda (Mother language, fluent), French (Fluent) and English (Fluent), Swahili (Intermediate)

November 21th 2022



Donatilla Mukamana RMHN, MScN, PhD, FAAN

Associate professor

Mental Health Nursing Department

School of Nursing and Midwifery, College of Medicine and Health Sciences, University of Rwanda