

Fletcher J. Njororai, PhD, MPH, MCHES, ACUE
Associate Professor
Department of Population Health Leadership & Analytics
School of Health Professions
The University of Texas at Tyler
3900 University Blvd
Tyler Texas, 75799

Education

| <u>Date(year)</u> | <u>Degree</u> | <u>Field of Study/Major</u> | <u>Institution</u> |
|-------------------|---------------|---|--|
| 2017 | MPH | Public Health | The George Washington University, Washington D.C |
| 2010 – 2012 | Post - Doc | Public Health | The University of Tennessee, Knoxville. |
| 2009 | PhD | Health Studies/ Major: Community Health Promotion & Education | Texas Woman's University, Denton, TX |
| 1994 | M.Ed. | Education | Kenyatta University, Nairobi, Kenya |
| 1986 | B.Ed. | Education | Kenyatta University, Nairobi, Kenya |

PROFESSIONAL CERTIFICATIONS

| <u>Year</u> | <u>Credential/Organization</u> |
|-------------|--|
| 2024 | Online Certified Instructor, Office of Digital Learning, University Texas at Tyler. |
| 2022 | ACUE, Certified in Effective College Instruction. Association of College and University Educators/American Council on Education. |
| 2021 - | SPTOA, Self-Paced Teaching Online Academy, Center for Instructional Design, UT El Paso. |
| 2012 | Master Certified Health Education Specialist (MCHES), National Commission for Health Education Credentialing, Inc. (NCHEC) |

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| 2011 | Certified Health Education Specialist (CHES), National Commission for Health Education Credentialing, Inc. (NCHEC) |
| 2010 | Best Practices in Online Teaching Certification, The University of Tennessee, Knoxville, TN |
| 2008 | Quality Matters (QM) Certification, Maryland Online, University of Maryland/ https://www.qualitymatters.org/ |
| 2007 | Online Course Development and Teaching, Texas Woman's University |
| 2002 | Healthy Aging, HelpAge International, Nairobi Kenya |
| 2002 | Gender Mainstreaming and Training the Trainer Certificate, University of East Anglia, Norwich, United Kingdom. DFID Sponsored. |

PROFESSIONAL TEACHING/WORK EXPERIENCE

| <u>Dates</u> | <u>Position</u> | <u>Institution</u> |
|---------------------|-----------------------------|--|
| 2018 - Present | Associate Professor | University of Texas at Tyler, Tyler, TX |
| *2015 – 2016 | Fellow, NIH STAR Fellowship | UNT, HSC Fort Worth, TX |
| 2012 – 2018 | Assistant Professor | University of Texas at Tyler, Tyler, TX |
| 2009 - 2010 | Adjunct Professor | Texas Woman's University, Denton, Texas |
| 2009 – 2010 | Research Analyst | Elite Research LLC., Carrollton, Elite Research, 1952 E. Beltline, TX |
| 2004 – 2009 | GTA/ Teacher of Record | Texas Woman's University, Denton, Texas. |
| 1996 – 2003 | Lecturer | Kenyatta University, Nairobi Kenya. |
| 1993 – 1996 | Lecturer | Kenya Technical Teachers College, Nairobi Kenya. |
| 1990 – 1990 | Graduate Teacher | Kapsoya High School, Eldoret, Kenya. |

1986 – 1989

Graduate Teacher

Hill Secondary School, Eldoret, Kenya.

Courses Taught (at UT Tyler only)

| <u>Number</u> | <u>Title</u> |
|----------------------|--------------------------------------|
| HECC 5303 | Research Design |
| ALHS 5365 | Theories & Models in Health Behavior |
| ALHS 4335 | Global Health |
| ALHS 4304 | Program Design & Evaluation |
| HECC 4155 | CHES Review/Preparation |
| ALHS 3362 | Behavioral Health |

New Courses Developed (at UT Tyler Only)

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| HECC 4155 | CHES Review/Preparation |
| ALHS 4303 | Program Design & Evaluation |
| ALHS 5365 | Theories & Models in Health Behavior |

SCHOLARSHIP & SCHOLARLY ACTIVITIES

Published peer-reviewed journal articles

Nyaranga, C., Cholo, W., & **Njororai, F. J.** (2024). Compliance with World Health Organization COVID 19 preventive behaviors in rural counties in Western Kenya: A cross-sectional study. Pan-African Medical Journal, 47, 1– 16. <https://www.panafrican-med-journal.com//content/article/47/30/full>

Njororai, F. J., Amulla, W., Nyaranga, C. K., Chollo, W., & Adekunle, T. (2024). A Qualitative Exploration of Factors Associated with COVID-19 Vaccine Uptake and Hesitancy in Selected Rural Communities in Kenya. COVID - MDPI, 4, 715 –730. <https://www.mdpi.com/2673-8112/4/6/48>

Njororai, F. J., Nyaranga, C. K., Cholo, W., Amulla, W., & Ndetan, H. (2023). Correlates of COVID-19 Vaccine Acceptance and Hesitancy in Rural Communities in Western Kenya. *Vaccines* 2023, 11(10), 1516; <https://doi.org/10.3390/vaccines11101516>

Njororai, F. J. (2023). Njororai, F., Ganu, D., Cholo, W. & Kogutu, N., C. (2023). Occupational Health and Safety Policy Compliance among Community Health Workers in Western Kenya.

Journal of Applied Social Science, Human Development, and Technology, 2, Electronic (1 – 11).
<https://journals.aua.ke/ajhes/article/view/357>

Njororai, F. J. (2021). Njororai, F. J., Ganu, D., Nyaranga, K. C., & Wilberforce, C. (2021). Role of socio-demographic and environmental determinants in performance of community health workers in Western Kenya. *Int. J. Environ. Res. Public Health* 2021, 18(21), 11707; <https://doi.org/10.3390/ijerph182111707>.

Njororai, F. J., (2020). Njororai, F. J., Ganu, D., & Nyaranga, K. C. (2020). Perception of Risk exposure and Occupational Hazards of Community Health Workers in a Rural County of Western Kenya. *Journal of Applied Social Science, Human Development, and Technology*, 1, Online (50 – 58). 1(1), 2020, ISSN (Print,2706 -9370), Electronic, 2706 -9389).

Njororai, F. J., & Lee, S. (2017). Social capital and health among Burundian refugees. *International Social Work*. <https://doi.org/10.1177%2F0020872817701825>

Njororai, F. J., Ganu, D., & Kogutu, C. N. (2017). Needs and Experiences of People Living with HIV/AIDS Regarding Implementation of Community Home-based Care Services in a Rural County in Western Kenya. *Journal of Applied Medical Sciences*, 6, 2241–2336.

Njororai, F. J., Ganu Dr., D., & Kogutu, C. N. (2016). Type 2 diabetes Mellitus and the Risk of Physical Disability and Functional Impairment in Sub Saharan Africa: A Systematic Review. *The African Journal of Diabetes Medicine*, 24(1), 10-14. <http://indexmedicus.afro.who.int>

Jivetti, B., Njororai Simiyu, W. W., & **Njororai, F. J.** (2016). Challenges Facing Rural Youth and Young Adults and How Development Stakeholders Can Alleviate Those Hardships in Kenya. *Youth Voice Journal*, 2–35.

Njororai Simiyu, W. W., **Njororai, F. J.,** & Chanumolu, T. (2016). Students’ perspectives on online and faceto-face components of a blended course design in Health and Kinesiology at a South Western Public University in the USA. *International Journal of Human Sciences*, 13, 125–138. <http://dx.doi.org/10.14687/ijhs.v13i1.3474>

Njororai Simiyu, W. W., **Njororai, F. J.,** & Jivetti, B. A. (2016). Walkability in upper east Texas cities and implications for physical activity and health. *International Journal of Human Sciences*, 13, 487–499. <http://dx.doi.org/10.14687/ijhs.v13i1.3438>.

Njororai Simiyu, W. W., **Njororai, F. J.,** & Jivetti, B. A. (2015). Walkable scores for selected three east Texas counties: physical activity and policy implications. *International Journal of Human Sciences*, 12, 674–687

Njororai, F. J. & Njororai, W.W. S. (2012). Older Adult Caregivers of People with HIV/AIDS in Sub-Saharan Africa: A Review of Literature and Policy. *International Journal of Health Promotion and Education*, DOI:10.1080/14635240.2012.703389. <http://dx.doi.org/10.1080/14635240.2012.703389>.

Njororai, F. J., Bates, D., & Njororai, W. W. (2010). Review of Literature on HIV/AIDS Voluntary Counseling and Testing in Sub-Saharan Africa: Towards a Social Transformation Model. *International Journal of Health Promotion and Education*.
<https://doi.org/10.1080/14635240.2010.10708185>

Book Chapters

Njororai, F. J., & Njororai Simiyu, W. W. (2018). Physical Activity. In *Rural Development Planning in Africa* (pp. 199 – 248). New York: Palgrave MacMillan.

Njororai, F. J. (2005). Intra-Household Resource Distribution and Women's Role in Ensuring Food Security in Kenya. In *Gender in Agriculture and Technology* (Vol. Nite Tanzarn (Ed.), pp. 210 – 221.). Gendered World Series.

Poster Presentations/Published

Njororai Simiyu, W. W., & **Njororai, F. J.** (2019, May). Walkability in Selected East Texas Counties; Physical Activity and Policy Implications. East Texas Research Conference. University of Texas at Tyler

Njororai Simiyu, W. W., **Njororai, F. J.,** & Li, L. (2017, May). *Walkability scores in upper east Texas cities and physical activity implications*. Faculty Research Symposium. UC Ballroom, UT at Tyler.

Njororai Simiyu, W. W., **Njororai, F. J.,** & Li, L. (2016). *Walkability scores in upper east Texas cities and physical activity implications*. 93rd TAHPERD Convention. Galveston, Texas: TAHPERD.

Njororai Simiyu, W. W., & **Njororai, F. J.** (2015, December). *College of Nursing and Health Science Students' Self-rating of their Physical Activity Involvement Over a 7- Day Period*. 92nd TAHPERD Annual Convention, December 2-5, Dallas. Dallas, Sheraton Hotel: TAHPERD.

Njororai Simiyu, W. W., **Njororai, F. J.,** & Munayi, S. (2015, September). *Soft skills for career success via experiential learning for students of Health, Physical Education and Sport*. 8th Kenya Scholars and Studies Association Conference. University of Northern Alabama: KESSA.ORG.

Njororai Simiyu, W. W., & **Njororai, F. J.** (2015, April). *Equipping students with soft skills via experiential learning in Health and Kinesiology*. UT Tyler Teaching Symposium April 10, 2015. UT at Tyler: Center for Teaching Excellence and Innovation.

Conference/Workshop presentations/Published

Njororai Simiyu, W. W., **Njororai, F. J.**, & Peter, O. O. (2018, September). *Foreignness as a constraint in American Higher Education*. 11th Kessa Conference, September 6 to 9. Marriot Hotel, Atlanta: Kenya Scholars and Studies Association.

Njororai Simiyu, W. W., & **Njororai, F. J.** (2017, November). *Students' Perspectives on Flipped Course Components*. Third Annual NDLW Mini-Conference Driving Excellence in Distance Education: Quality Assurance, Nov 07, 2017 10:00 AM. Texas A&M University-Texarkana 7101 University Avenue Eagle Hall Texarkana, TX 75503: Texas A&M University-Texarkana.
<https://www.eventleaf.com/TAMUT2017NDLW>

Njororai Simiyu, W. W., **Njororai, F. J.**, Foerster, A., & Jabo, N. (2017). *Perspectives on professional transition from Kenya to USA*. 94th TAHPERD Convention. Fort Worth: TAHPERD.
Njororai Simiyu, W. W., Njororai, F. J., Lerma, L., & Foerster, A. (2016). *Student Active Engagement in Blended Health and Kinesiology Courses*. 93rd TAHPERD Convention. Galveston, Texas: TAHPERD.

Njororai Simiyu, W. W., **Njororai, F. J.**, & Munayi, S. (2016, September). *Enhancing Soft Skill acquisition through Experiential Learning*. 9th KESSA CONFERENCE. Atlanta: KESSA.
Jivetti, B. A., Njororai Simiyu, W. W., & Njororai, F. J. (2015, September). *The Socio-Economic Impact of Artisanal Gold Mines on Local Communities of Western Kenya*. The 8th Kenya Scholars & Studies Association Annual Conference, September 4-5. University of North Alabama: Kessa.Org.

Njororai Simiyu, W. W., **Njororai, F. J.**, Buck, Z., Maurong, I., Molly, S., Sicotte, D., ... Jennings, A. (2015, December). *Soft Skills acquisition through Experiential Learning Experiences in Health and Kinesiology*. Texas Association of Health, Physical Education, Recreation and Dance Annual Convention. Dallas: TAHPERD.

Njororai, F. J. (2014, November). *Perceived neighborhood Characteristics and the Health of Burundian Refugees in the United States*. 142nd APHA Annual Meeting and Exposition, Nov 15th - 19th, 2014. New Orleans, Louisiana: APHA Annual Meeting & Expo.

Jivetti, B. A., Njororai Simiyu, W. W., & **Njororai, F. J.** (2014, Autumn). *Struggles of Rural Youth: Factors that Empower and Disempower Youth in Western Kenya*. The 7th Kenya Scholars and Studies Association Annual Conference September 5-6. University of North Alabama, Florence, Alabama: KESSA.

Njororai Simiyu, W. W., **Njororai, F. J.**, & Peter, O. O. (2018). Foreignness as a constraint in American Higher Education. In 11th annual KESSA Conference. Atlanta, Georgia, USA: Kenya Scholars and Studies Association. <https://kessa.org/2018-conference-proceedings/>

Jivetti, B. A., Njororai Simiyu, W. W., & **Njororai, F. J.** (2015). Struggles of Rural Youth: Factors that Empower and Disempower Youth in Kenya. In *Environment & Security: Perspectives of Kenya's Resources*. Kenya Scholars & Studies Association.

http://kessa.org/yahoo_site_admin/assets/docs/3_JivettiKESSA_Proceedings2014-post.6161121.pdf

Grants funded

Njororai, F.J. (PI) 2023. HOPE Project. Rural Communities Opioid Response-Implementation (RCOP) by Health Resources and Services Administration (HRSA). Administered by NIH. Sub-Award # 6040-SC23-14. (Amount \$25,133.00).

Njororai, F.J. (PI), Nyaranga, K.C, Ganu, D., Cholo, W., Ogutu, W. (2020). Intramural Grants (CNHS) – The University of Texas at Tyler. Study: Quality of integrated chronic disease care in rural Western Kenya: User and provider perspectives. (Amount \$5,000.00).

Njororai, F.J. (PI). Health Policy research on how social capital impacts health outcomes, social and economic growth and community participation among Burundian refugees resettling in Knoxville., Funded by University of Tennessee (October 1, 2011 - May 31, 2012), awarded June 1, 2011 (\$10,000.00), Completed, Fall 2011

Denise Bates (PI) & **Njororai, F. (Co -PI)**. Assessing health disparities among refugee populations through Community-Based Participatory Research (CBPR) and Service-Learning strategies: Psychosocial and contextual factors influencing resettlement and health outcomes among Burundian refugee in Knoxville - implications for health interventions, Funded by University of Tennessee (July 1, 2010 - December 31, 2010), awarded June 1, 2010 (\$5,000.00), Completed, Fall 2010.

Pual Erwin, Hilary Founts, Denise Bates **Njororai, F.J. (Co-PI)** (2011-2012). Catalyzing New International Collaborations by National Science Foundation (NSF). University of Tennessee – Kenyatta University Nairobi Kenya. (Amount 88,000.00).

Awards

2014 Merit Scholar, The George Washington University.

2010 Academic Achievement Award of Excellence, Kenyan –American Community in the Diaspora, Dallas TX.

PROFESSIONAL/COMMUNITY SERVICE

University wide (last 6 years Only)

| <u>Date</u> | <u>Service/Committee</u> |
|-------------|---|
| 2021 – 2024 | Undergraduate Council (Chair of Council year 2023- 2024) |
| 2022 – 2024 | University Curriculum Committee, Member. |
| 2019 – 2020 | Undergraduate Council, Member |
| 2018 – 2021 | University Faculty Affairs Committee, Member. |
| 2020 – 2021 | UT Tyler representative Partnership with East Texas Workforce Solutions for COVID-19 Course creation. |

College/School wide (last 6 years only)

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| 2022 – Present | School of Health Professions, Curriculum Committee. |
| 2023 – 2024 | School of Health Professions, interim Policy Committee. |
| 2018 -2021 | Intramural Research Grants Committee, College of Nursing & Health Science (CNHS); Chair of Committee 2020 – 2021. |
| 2018 – 2020 | Staff Excellence Awards Committee |

Department wide (last 6 years only)

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| 2025 – | Curriculum, Department of Population Health, Leadership & Analytics |
| 2020 – 2024 | Served on 4 Faculty Search Committees, Department of H&K: Chair in 2020 - 2021 |
| 2019 | T&P Committee, Health & Kinesiology (H&K). |
| 2018 – 2019 | Chair Health & Wellness Expo Committee, Department of H&K |
| 2018 – 2021 | Health Science Program Curriculum Committee, Department of H&K |
| 2017 – 2019 | Research Committee, Department of Health & Kinesiology |

Community wide (last 6 years Only)

I support the local communities and beyond in various ways. A few of the ways include:

- **Fresh 15** – I run the 5K to raise funds that support local communities, businesses and organizations.
- **ETHNN** – I have supported initiatives the initiatives organized through this organization including donations for helping the less fortunate in East Texas communities.

- **TCF** – I am a long serving member of Tyler Christian Fellowship, a local church in Tyler. Throughout the year, we raise funds and other donations to support different initiatives locally and abroad for example sight.org that is in Togo Africa, and other missionaries in Guatemala. We also support the homeless population in Tyler through different initiatives and partnership with other agencies for example “*Church Under the Bridge*”, homeless population here in Tyler ministered in different ways.

National/International level (last 6 years only)

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| 2022 | External Reviewer, Faculty T&P Portfolio, University of Houston - Victoria |
| 2020 | External Reviewer, Faculty T&P Portfolio, University of Michigan -Flint |
| 2019 | External Grants’ Proposal Reviewer, Ohio University |
| 2018 – 2019 | Scientific Abstract Reviewer, American Public Health Association (APHA). |
| 2018 – Present | Manuscript Reviewer (A wide range of peer-reviewed public Health and related journals). |

Membership in Professional Organizations

I have held membership and/or hold membership in the following professional organizations:

- APHA – American Public Health Association
- TAPHERD - Texas Association for Health, Physical Education, Recreation & Dance.
- SHAPE – Society of Health and Physical Educators (formerly AAPHERD).
- IHL – International Health Literacy Association
- GH – Global Health, Global Health & Innovation Conference (GHIC).
- ASTMH – American Society of Tropical Medicine and Hygiene