

# Fletcher Jiveti Njororai, PhD, MPH, MCHES

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## **SUMMARY QUALIFICATIONS**

- Over 28 Years' of experience in collaborative team environments, contributing to local and global scholarship, teaching and community engagement and cultural competence.
- Quantitative and qualitative research work and training, including specialized course work in Quantitative Analysis; Program Design, Monitoring & Evaluation; and ATLAS.TI for Qualitative data analysis. Proficient with statistical program SPSS.
- Experience working with displaced and immigrant populations, diverse vulnerable populations (slum dwellers in an urban global setting, homeless, rural women groups, the elderly)
- Experience teaching and training undergraduate and graduate students in diverse populations embracing innovative approaches such as Service- Learning, technology and pedagogy and student engagement.
- Online course development, delivery and peer review
- Group facilitation and team building

## **CURRENT POSITION**

2018 – Present    **Associate Professor**, Department of Health & Kinesiology, College of Nursing and Health Sciences, The University of Texas at Tyler

## **EDUCATION**

**2009    PhD -** Texas Woman's University, Denton, Texas, USA, Health Studies.  
**Dissertation:** Factors Predictive of HIV Sero-status Among Married Couples in Kenya Using a National Data set: Implications for Health Interventions.  
Advisor: Jody Early, PHD, MCHES

**2017    MPH -** Master of Public Health, The University of George Washington, Washington, D.C

- 1994**      **M.ED.** - Master of Education, Kenyatta University, Nairobi – Kenya
- 1986**      **B.ED.** Bachelor of Education, Kenyatta University, Nairobi – Kenya

### **PROFESSIONAL EXPERIENCES**

- 2018 – Present**      **Associate Professor**, Tenured, The University of Texas at Tyler.
- 2012 – 2018**      **Assistant Professor**, Tenure Track, The University of Texas at Tyler, Tyler, Texas
- 2010 – 2012**      **Postdoctoral Research Associate**, The University of Tennessee, Knoxville, Department of Public Health, Knoxville, Tennessee
- 2009 – 2010**      **Adjunct professor**, Texas Woman’s University, Denton, Texas
- 2009 – 2010**      **Research Analyst**, Elite Research LLC, 1952 E. Beltline Rd. Carrollton, TX 75006
- 2004 – 2009**      **Graduate Teaching & Research Assistant**, Texas Woman’s University. Denton, Texas

### **RESEARCH INTERESTS**

- Global Health (HIV/AIDS in Sub-Saharan Africa, Chronic disease management in rural communities in Africa, capacity building, Health Services Research)
- Social Determinants of Health
- Health Disparities and Social Action Research/Participatory Research
- Community Health and Rural Health Promotion
- Technology and Pedagogy
- Translational Research and Implementation Science Research

### **RESEARCH SKILLS**

- Proficient in Statistical Software SPSS
- Proficient in Qualitative analytics, ATLAS.ti
- MS Office
- Systems Thinking
- Leadership and Teamwork
- Interpersonal and Excellent Communication Skills

Statistical Analysis: Descriptive statistics, analysis of variance, correlation, simple/multiple regression, repeated measure, multivariate analysis of variance (MANOVA), exploratory factor analysis, confirmatory factor analysis, hierarchical linear modeling (HLM), structure equation modeling (SEM), multilevel modeling, multi-group modeling, data mining,

ATLAS.TI for Qualitative data analysis.

### **PROFESSIONAL CERTIFICATIONS**

- 2014 -** Master Certified Health Education Specialist (MCHES), National Commission for Health Education Credentialing, Inc.
- 2011 -** Certified Health Education Specialist (CHES), National Commission for Health Education Credentialing, Inc.
- 2011 -** Best Practices in Teaching, The University of Tennessee, Knoxville, TN
- 2010 -** Online@UT, The University of Tennessee, Knoxville TN
- 2008 -** Quality Matters (QM), Maryland Online, University of Maryland, National certification body 2008
- 2007 -** Online Course Development and Teaching, Texas Woman's University
- 2002 -** Gender Mainstreaming and Training the Trainer, University of East Anglia, Norwich, United Kingdom
- 2002-** Healthy Aging, HelpAge International, Nairobi Kenya

### **AWARDS, HONORS, AND FELLOWSHIPS**

- 2015 – 2016 -** Steps Towards Academic Research (STAR) Fellowship, NIH Funded initiative in Translational Research in Health Disparities. University of North Texas Health Science Center, Fort Worth. (2015- 2016).

<https://www.unthsc.edu/research/texas-center-for-health-disparities/star-fellowship-program/>

- 2015 -** Appreciation Award, Keynote Speaker, Student Research Symposium. Wiley College
- 2014-** Merit Scholar, The George Washington University
- 2010** Academic Achievement Award for Excellence, Kenyan –American Community in Diaspora
- 2004- 2009** TWU Academic Scholarship and Mary Bryan and Tom C. Reitch Scholarship, Pell Grants Education Fund.

- 2002**      Kenyatta University Staff Development Grant, Healthy Aging Workshop  
Nairobi Kenya.
- 2002**      DFID, British Council Scholarship for International Development, Gender and  
Development Certification at University of East Anglia, Norwich, UK

### **ACCOLADES**

- 2011 - 2012**      Commendation by Chair, Department of Public Health University of  
Tennessee, Knoxville, for spearheading a successful global health initiative  
for UT-Knoxville and Kenyatta University, Nairobi Kenya.
- 2012**      Commendation by Kenyatta University, Office of International Programs for  
leading the establishment of a multi-disciplinary team for international  
collaboration and MOU between Kenyatta University and UT- Knoxville

### **PUBLICATIONS/SCHOLARLY WORK**

#### Peer-reviewed Journal articles

**Njororai Dr., 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(2), 2241–2336

**Njororai, F. J.,** & Lee, S. (2017). Social capital and health among Burundian refugees. *International Social Work*. <http://journals.sagepub.com/doi/pdf/10.1177/0020872817701825>

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(1), 487–499. <http://dx.doi.org/10.14687/ijhs.v13i1.3438>

Ganu, D., **Njororai, F.** & Kogutu, N. C. (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

Njororai Simiyu, W. W., **Njororai, F. J.,** & Chanumolu, T. (2016). Students' perspectives on online and face-to-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(1), 125–138. <http://dx.doi.org/10.14687/ijhs.v13i1.3474>

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*, ((online): 2056 -2969), 2–35.

Njororai Simiyu, W. W., & **Njororai, F. J.** (2015). College undergraduate students' self-rating of their physical activity involvement over a 7-day period. *Journal of Physical Education and Sport*, 15(3), 502–508.

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(2), 674–687

**Njororai F. J.** (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* 51(5):248-266.

**Njororai, F. J.** (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*, 3(48), 68– 78.

#### Book Chapters

**Njororai, F. J.**, & Njororai Simiyu, W. W. (2017). PHYSICAL ACTIVITY, HEALTH and EMPOWERMENT OF COMMUNITIES IN AFRICA. In *African Rural Development Planning*. 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.

#### RESEARCH GRANTS

Ochieng E. O. (PI) ; Ganu, D. (co-PI), **Njororai, F. (co-PI)**, Kibiru, S. (co-PI) & Nyaranga, C. (co-PI). Strengthening the Capacities of Newly accredited Ethics Committee in Kenya. February 2016. USD 16,645,62 -European and Developing Countries Clinical Trials Partnership (EDCTP). Not granted

**Njororai, F.** (PI), Njororai Simiyu, Wycliffe (Co-PI), Sorensen, William (Co-Investigator), Cooper, Cheryl (Co-Investigator) Increasing access of minorities to allied health education . USD 200,000 (September 1, 2014 - May 28, 2014) Submitted for Review Spring 2014 .Type of Grant: Research. Not Granted.

**Njororai, Fletcher** (PI) ,Njororai Simiyu, Wycliffe (Co-PI) Acculturation, health-seeking behavior and well-being of the Burundian Refugees in the Dallas Metropolis area., *Office of Sponsored Research, UT Tyler* (January 1, 2013, USD 16,780.00 Spring 2013. Not granted.

Erwin, P. (PI), Fouts, H. (Co-PI), **Njororai, F.**, (2011 -2012). Co-PI- **NSF**: CATALYZING NEW INTERNATIONAL COLLABORATIONS: Nairobi/Kenya –University of Tennessee Research Project -

“Examining Young Children’s experiences and health outcomes in Slums near Nairobi, Kenya  
Grant awarded: USD 88,000. Granted.

**Njororai, F. 2011-2012).****Principal Investigator (PI)** – Health Policy Research resettlement and health disparities among Burundian refugees in Knoxville. **Seed grant funding Awarded (\$10,000)** through The Center for Health Policy Services Research [CHPSR]- The University of Tennessee, Knoxville. . Granted.

### **PROFESSIONAL AFFILIATIONS**

**2011-to-present** – Present Member .American Public Health Association (APHA)

**2013-to Present** - Texas Public Health Association (TPHA).

**2013 – 2016** - Society of Health and Physical Educators (SHAPE)

**2013 – to present-** Texas Association of Health Physical Education Recreation and dance (TAHPERD) **2004 –to -present** - International Federation of University Women (IFUW)

### **SELECTED PRESENTATIONS**

**Njororai Dr., F. J.,** Ganu, D., & Kogutu, C. N. (2016). Needs and Experiences of People Living with HIV/AIDS Regarding Implementation of Community Home-based Care Services in a Rural County in Western Kenya. *144th APHA Annual Meeting and Expo*, in Denver, Colorado. Oct. 29- Nov. 2.

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

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

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, F.J.** (2011). Aging and Society: An Interdisciplinary Conference, UC Berkeley, Berkeley, CA. Presented Paper Title: HIV-related Stigma and Aging in Sub-Saharan Africa: Implications for Health Intervention UC Berkeley, Berkeley, CA. Nov 7<sup>th</sup> – 9<sup>th</sup> 2011

**Njororai, F.J.** (2011). American Public Health Association (APHA) 139<sup>th</sup> Annual MEETING & EXPO, Washington D.C. Presented Paper Title: The Role of Social Capital in Refugee Resettlement in East Tennessee: Implications for Policy and Health Interventions. Washington D.C. Oct 29<sup>th</sup> – Nov 2<sup>nd</sup> 2011

**Njororai, F.J.** & Early-Oomen Jody (2008). TWU Student Creative Arts and Research Symposium, Denton TX. Paper presented *Factors Predictive of HIV/AIDS sero-status among Married Couples in Kenya: A Population-Based Study*. Texas Woman's University, Denton TX (April 2008).

**Njororai, F.J.** (2006). The Annual Conference, Southwestern Social Sciences Association (SSSA). Paper presented: *Global AIDS Fund: The Challenges in Sub-Saharan Africa*. San Antonio. Texas. May 2006.

**Njororai, F.J.** (2005). The Annual Conference, Southwestern Social Sciences Association (SSSA). Paper presented: *HIV/AIDS Origins: A Rashomon Effect*. Paper presented at the Annual Conference, Southwestern Social Sciences Association (SSSA). New Orleans. Louisiana. April 2005

**Njororai, F. J., & Njororai Simiyu, W. W.** (2000). Factors influencing parents' choice and purchase of clothing for pre-schoolers in Kenya: Implication for Exercise. In: L.O. Amusa & A.L. Toriola (Eds.). Sport, Exercise and Health. In The third scientific congress of AFAHPER-SD, Nairobi, 11th – 15th 1997 (pp. 62–67). AFAHPER-S.D.

#### Poster presentations

Njororai Simiyu, W. W., & **Njororai, F. J.** (2015, April 10). *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.

**Njororai, F.J.** (2014). American Public Health Association (APHA) .Resettlement, Health and well-being among Elderly Burundian Refugees in East Tennessee: Implications for Health Interventions and Policy. Boston, November 2- 6, 2014.

#### PROFESSIONAL SERVICE

**Member** – Undergraduate Council, Curriculum Committee, The University of Texas at Tyler

**Committee Member** – Staff Awards Excellence Committee – 2018 - Present

**Chair** - Health Expo Committee, Department of Health & Kinesiology, The University of Texas Tyler

**Member** - University of Texas at Tyler, Student Appeals Committee - 2015 - 2017

**Peer- Reviewer** - American Public Health Association (APHA) scientific abstract (2014– Present)

**Keynote Speaker** - Student Research Symposium. Wiley College (2015)

**PATSS Committee member** - University of Texas at Tyler. Department of H&K representative/coordinator – Online course development through 5-year university-wide initiative HyFlex programs (PATSS). Fall 2013 – Present

**Member** - Departmental Curriculum Committee, Department of Health & Kinesiology University of Texas at Tyler. October 2013 – August 2017

**Keynote speaker:** Student Research Symposium. Wiley College (2015)

**Peer- Reviewer** - Population Research & Policy Review Journal – 2011

**Volunteer Member** - East Texas Human Needs Network (ETHNN).

A non-profit organization focused on assessing needs and empirical data as a basis for strengthening services to meet diverse human needs through collaboration of individuals and organizations -2013-Present

**Member.** University Outreach Community-Campus Engagement Initiative through Healthy Transitions. University of Tennessee, Knoxville. June 2010- May 2012

### **Professional References**

- Available upon request