



TENNESSEE STATE UNIVERSITY

College of Health Sciences
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*Public Health, Health Administration
and Health Sciences*

Faculty Bio

Contact Information

Last Name	Gishe	First Name	Jemal		
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Website: (External Blog) Http://					
Position	Assistant Professor				

Education

College: Univ. of South Florida Address: Tampa, FL, USA

From: **2001** To: **2006** Degree: **PhD**

College: Univ. of South Florida Address: Tampa, FL, USA

From: **2011** To: **2014** Degree: **ABD**

International Center for

College: Theoretical Physics Address: Trieste, Italy

From: **2000** To: **2001** Degree: **Advanced Diploma**

College: Addis Ababa University Address: Addis Ababa, Ethiopia

From: **1998** To: **2000** Degree: **MSc**

College: Addis Ababa University Address: Addis Ababa, Ethiopia

From: **1991** To: **1995** Degree: **BSc**

Courses Taught

Course: At TSU: Introduction to Biostatistics, Introduction to Epidemiology, Health Promotion and Disease prevention, Research Methods, Health Economics, Principles of

Course: Epidemiology (Graduate Course)

Course: _____

Course: AT USF: Biostatistics in Society, Biostatistics I and II (Graduate courses)

Course: AT WKU: Real Analysis I (Grad. course), Intro. to Real Analysis, Complex Variable,

Course: Calculus I, II and III, Advanced Engineering Mathematics, Trigonometry

**Primary
Area of
Expertise**

Area: Biostatistics, Epidemiology (GLM, LDA, Survival Analysis, Categorical Data Analysis, Zero Inflated Models, Exploratory and Confirmatory Factor Analysis) and their applications in Public Health and Clinical Trials

Publications

1. Patel K, Inman W, Gishe J , Johnson O, Elizabeth B, Kanu M, Theriot R, Sanderson M, Hull P, Hargreaves M. A community-driven intervention for improving bio-specimen donation in African American communities. <i>Journal of Racial and Ethnic Health Disparities</i> 2017 ; in press.
2. D. Barney , F. T. Pleban & J. Gishe , The effects of music in enhancing the elementary physical education environment, <i>International Journal of Physical Education</i> , Volume LIII, Issue 4, 4th Quarter 2016 , pp. 23 – 32.
3. Carubelli Valentina, Cotter Gad, Davison Beth, Gishe Jemal , Senger Stefanie, Bonadei Ivano, Gorga Elio, Lazzarini Valentina, Lombardi Carlo, Metra Marco, In-hospital worsening heart failure in patients admitted for acute heart failure, <i>International Journal of Cardiology</i> , 2016 , DOI:10.1016/j.ijcard.2016.10.002
4. Sultan DH, Stenback J, Walker JR, Diana Castillo-Carranza D, Gishe J , Hanciles A, African American, Latino, and Older Patients in a Comprehensive Cancer Center. <i>Atlas of Science</i> . June 4, 2016 . Available at http://atlasofscience.org/african-american-latino-and-older-patients-in-a-comprehensive-cancer-center/more-14471
5. Dawood H. Sultan, Jemal Gishe , Angella Hanciles, Meg. M. Comins, Claire M. Norris, Minority use of a National Cancer Institute-designated Comprehensive Cancer Center and non-specialty hospitals in two Florida regions, 2015 , <i>Journal of Racial and Ethnic Health Disparities</i> , DOI: 10.1007/s40615-015-0084-0
6. Jemal Gishe , and Ferenc To´ okos, On the Sturm comparison and convexity theorem for difference and q-difference equations, <i>Acta Sci. Math. (Szeged)</i> , 78 (2012), 529540
7. J. E. Gishe , and M. E. H. Ismail, Resultants of Chebyshev polynomials, <i>Z. Anal. Anwendungen</i> , Volume 27, Issue 4, 2008 , pp. 499–508.

Grants Received

1. NSF-RUMC grant to organize Annual Mathematics Symposium at WKU, Kentucky

Volunteer Work or Group Affiliations

Volunteer Work: Advisor of Oromo Community of Kentucky, Coaching for Southern Kentucky Youth
Soccer program, Coaching high school and Gatton academy students for The American Regions Math
League, Participated in MLK HBCU Spread the Service Day
Group Affiliations: Oromo Studies Association, American Society of Tropical Medicine and Hygiene