Abstract Title: Adapting Champion's Breast Cancer Fear Scale to Explore the Correlation of Fear and Fatalism Among African American Middle Class (AAMC) Women: A Quantitative Study

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Abstract (not more than 300 words)

The American Cancer Society postulate breast cancer is the most common cancer in American women, except for skin cancers, with an average risk of a woman developing breast cancer is about 12%, presenting a 1 in 8 chance of a woman developing breast cancer. Hence, the purpose of this quantitative study was to explore whether fear and fatalism influence compliance with breast cancer screening among members of a selected target population of African American middle class (AAMC) women. Using a cross-sectional analysis, a subsegment sample of 120 AAMC women, ages 35 and older, was surveyed with an abridged version of the Champion Health Belief Model Scale (CHBMS); This scale in turn, is based on the Health Belief Model (HBM), the Champion Breast Cancer Fear Scale (CBCFS) and an adapted version of the Powe Fatalism Model (PFM). Results indicated that fear ($\chi 2$ (2) = 23.49, $p < .001$) and fatalism ($\chi 2$ (1) = 21.04, $p < .001$) belief scores were statistically related to breast cancer compliance. These barriers suggest a greater need for health interventions that are culturally specific, with the intention of improving the psychological aspects of health to address fear and fatalism. The social dimension of this change should involve building cohesive physician-patient relationships. This action serves to counteract fear, fatalism and negativism and to increase the level of comfort among individuals who are more apprehensive about seeking health care services.

Keywords—*Breast Cancer, Fatalism, Fear, Psychosocial*

Professional Biography (100-150 words)

Dr. Talbert began her vocation in public health working to empower communities regarding the importance of preventative diseases, promoting healthy lifestyles, and working on health disparities initiatives. While serving in the community, Dr. Talbert began working in higher education. She has worked as an educator, academic mentor, researcher, consultant, and held multiple leadership positions. She established the Center for Professional Academic Consulting, LLC, which is dedicated to supporting institutions promote academic excellence. Dr. Talbert is currently the Associate Dean of Academic Affairs and Administration at Howard University in Washington, DC – United States.

Dr. Talbert holds several nationally accredited degrees: a Master's in Public Health (MPH); a Master's of Science (MS) in Higher Education Administration with emphasis on Accreditation; and a Doctorate of Philosophy (PhD) in Public Health specialization in Community Health Promotion and Education. She serves on numerous boards, advisory committees, and resides on the Governing Council for the American Public Health Association. She is certified as a Health Education Specialist, Public Health Administrator, Wellness Practitioner, and Public Health Nutritionist. Dr. Talbert has published and presented at events throughout the United States, Canada, and the United Kingdom, where she also taught an interdisciplinary nursing and public health course.



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