

Lingnan University

Digital Commons @ Lingnan University

Staff Publications

Lingnan Staff Publication

2016

Geographies and traditional therapies utilization : a convergence of health behaviors in rural and urban settings?

Padmore Adusei AMOAH

Department of Sociology and Social Policy, Lingnan University

Razak Mohammed GYASI

Department of Sociology and Social Policy, Lingnan University

Follow this and additional works at: https://commons.ln.edu.hk/sw_master



Part of the [Public Health Commons](#), and the [Social and Behavioral Sciences Commons](#)

Recommended Citation

Amoah, P. A., & Gyasi, R. M. (2016). Geographies and traditional therapies utilization: A convergence of health behaviors in rural and urban settings? *Alternative & Integrative Medicine*, 4(4), 1000207. doi: 10.4172/2327-5162.1000207

This Journal article is brought to you for free and open access by the Lingnan Staff Publication at Digital Commons @ Lingnan University. It has been accepted for inclusion in Staff Publications by an authorized administrator of Digital Commons @ Lingnan University.

Geographies of Traditional Therapies Utilization: A Convergence of Health Behaviors in Rural and Urban Settings?

Padmore Adusei Amoah and Razak Mohammed Gyasi*

Department of Sociology and Social Policy, Faculty of Social Sciences, Lingnan University, Hong Kong SAR

*Corresponding author: Razak Mohammed Gyasi, PhD Student Lingnan University, Department of Sociology and Social Policy, Faculty of Social Sciences, Lingnan University, No. 8 Castle Peak Road, New Territories, Tuen Mun, Hong Kong SAR, Tel: 852 5133 9954; E-mail: razak.mgyasi@gmail.com

Rec date: December 12, 2015 Acc date: December 22, 2015 Pub date: December 28, 2015

Copyright: © 2015 Amoah PA, et al. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Commentary

Interest in traditional medicine utilization is burgeoning in Ghana and worldwide. Whereas one in seven people in Ghana utilises one sort of traditional medicine or another over the past decades, Complementary and Alternative Medicine (CAM) has become widely used in Asia and advanced environments or elsewhere. The 2007 National Health Interview Survey by the National Centre for Complementary and Alternative Medicine (NCCAM) and the National Centre for Health Statistics for example show, that approximately 38% of adults in the United States were using some forms of CAM, and accordingly, total expenditure for CAM therapies was estimated at \$34 billion in 2007 [1]. Estimates in 2010 show that over 244 medicinal plant products, representing 186–209 species and 951 tons of crude herbal medicine are available at Ghana's herbal markets with a total value of more than US\$ 7.8 million [2,3].

Over the past years, health scholars have attempted to understand the increasing trend of traditional therapies utilisation. So intense in this interest, the relationship between location and traditional medicine use has enjoyed a considerable debate in the policy making and implementation grounds and academic literature arena for well over many decades. The current erudition suggests a mixed pattern of traditional medicine use, taking location and geographical perspectives into consideration. Previous medical geography and health services studies, particularly in the economically developed communities have severally highlighted the spatial disparities in the traditional medical services demand and consumption [4,5,6,7,8]. Despite this overly supported assertion, other studies in the far south report otherwise. Most of the studies conducted in the economically less developed economies have mostly underscored no specific variations among remote, rural and urban divides as regards indigenous therapeutic access and use.

The original empirical paper entitled, "Does spatial location matter? Traditional therapy utilisation among the general population in a Ghanaian rural and urban setting" by Razak Mohammed Gyasi et al. [9] which appears in Volume 23, issue 2 of the *Complementary Therapies in Medicine* is one of such contemporary health research outputs that supports the argument of the latter. The paper espoused a retrospective cross-sectional and place-based research technique involving a representative sample of 324 of rural-urban character with diverse socio-economic and cultural spectra. The study is well researched, well written and proffers several very inspiring observations. These findings are unique and present an opportunity to re-evaluate the discourse on rural-urban disparities in health behaviours and medical services choices.

It is thought-provoking and theoretically grounded to report that knowledge on traditional medicine, various modalities of traditional

medicine and the sources of traditional medicine vary significantly among the general adult population between geographically delimited rural and urban areas. Given the diversity in the baseline physiognomies of individuals and or communities on the one hand, and the broad political, socio-cultural, ethnic and environmental orientations across space as well as the various levels of social network types and cohesion trajectories on the other hand, one would have expected specific variations in the form of traditional medical modalities accessed, information sources and the sources of traditional therapies between rural-urban spectrum as Gyasi et al. [9] resonate.

Of a greater interest is the fact that the study reports no significant variance in traditional health services use despite a relatively marginal difference between rural and urban settings. This finding appears unusual considering the pool of research discoveries in this field, globally. Nevertheless, this finding is not very much astonishing in the African context where cultural beliefs and social and cultural capital, to a larger degree influence health behaviours of culturally and ethnic-specific groups. Most people in the Ghanaian rural and urban communities are highly linked-up with their cultural and traditional values which ensconce traditional medical system. In addition, the traditional medicine consumption takes a central share of the traditional system and therefore permeates personal and socioeconomic attributes of the people.

The finding is an indication of the changing rural characteristics and the rising socioeconomic similarities between rural and urban areas. According to contemporary surveys, traditional medicine use is understood beyond the baseline sociodemographic traits—income levels, education, gender differences, place of residence—of people [10]. The falling values and utilities and the perceived general dissatisfaction associated with the Western biomedical treatments tend to heighten the interest in the use of traditional medicine across rural-urban landscape. These mechanisms may well elucidate the universality and widespread use of traditional therapies. The use of traditional medicine is insofar as subject to its potency, health-illness perception and the disease etiology, rather than the question of, where one lives [11,12,13]. It is on this note that Gyasi et al [12] opined that:

"Traditional medicine is characterised by a holistic approach to the spirit-mind-body concept of health, embracing people, living and inanimate objects in an inseparable whole from which all beings derive their living and healing forces. Traditional medicine practice involves a multifaceted combination of activities, order of knowledge, beliefs and customs to generate the desired effects for the diagnosis, prevention and or elimination of imbalances in the physical, psychological and social wellbeing".

Again, the effect of migration and urbanisation may be reckoned. There is the tendency that rural-urban migrants settle in urban

communities with their old ways of treating afflictions. The formation of new acquaintances in urban localities by newly migrated rural dwellers transmits knowledge and popularity of traditional medicine within their new circles. Personal health philosophies of people in both rural and urban prefectures invariably have a big role to play in the decision to access and to use traditional medical modalities.

We must not lose sight of the fact that the proliferation of mass media outlets including frequency modulation channels, television and especially information centres—quasi radios commonly in rural communities—have also expanded the choices of both rural and urban dwellers with regard to health services. Aside from readily availability of ingredients for traditional medicine in urban areas, traditional medicine has now been modernised and/or formalised into the conventional health system [14,15]. This has led to an increased trust in traditional medical practices and may significantly explain the convergence of communities of diverse levels of urbanity regarding traditional medicine use and perhaps the general health behaviours between rural and urban dwellers. Taking these striking evidences into consideration, it is no coincidence that this important study by Gyasi and colleagues [9] highlight on these crucial issues.

To this far, traditional medical system is seen to coexist and complement Western scientific medicine in African region and elsewhere afield. This phenomenon has over the years contributed to the rampant pluralistic medical consumption among populations despite the associated perceived and actual ramifications.

It must be recapitulated that spatial dimensions in traditional medical therapies use are receding due to the convergence of health behaviours in rural and urban settings. With these findings regarding the widespread and still, growing rate of use of traditional medical services, it is important to critically reassess the planning standards for health services in Ghana. A rapid improvement and modernisation of traditional medicine through registration and training of practitioners, clinical examination of herbal drugs and monitoring of dispensing and administration of the therapies are crucial. For, these are the antecedents for integrative medicine and intercultural health care for health systems in Ghana and elsewhere particularly in the African Region. Traditional medical therapies of all forms should therefore not be consigned to the peripheries of the western health policy. We again argue that the national health insurance package introduced to provide affordable health care, especially for the indigent and the ultra-poor and/or vulnerable population sector be extended to cover the diagnosis, medical treatment and medication expenditure of traditional health care in Ghana.

References

1. National center for complementary and alternative medicine (2013) Statistics on complementary and alternative medicine national health interview survey.
2. Andel TV, Myren B, van Onselen S (2012) Ghana's herbal market. *Journal of Ethnopharmacology* 140: 368–378.
3. Wodah D, Asase A (2012) Ethnopharmacological use of plants by Sisala traditional healers in northwest Ghana. *Pharmaceutical Biology* 50(7): 807–815
4. Adams J, Sibbritt D, Broom A, Loxton D, Pirotta M, et al. (2011) A comparison of complementary and alternative medicine users and use across geographical areas: A national survey of 1,427 women. *BMC Complementary and Alternative Medicine* 11: 85.
5. Jirojwong S, MacLennan R (2012) Management of episodes of incapacity by families in rural and remote Queensland. *Aust J RuralHealth* 10: 249-55.
6. Shreffler-Grant J, Hill W, Weinert C, Nichols E, Ide B (2007) Complementary therapy and older rural women: who uses it and who does not? *Nurs Res* 56: 28-33.
7. Adrews GJ, Adams J, Segrott J (2010) Complementary and alternative medicine (CAM): production, consumption, research; In: Brown T, McLafferty S, Moon G, editors. *A companion to health and medical geography*. Oxford: Wiley Blackwell: 587-603.
8. Adams J, Sibbritt D, Lui CW (2011) The urban-rural divide in complementary and alternative medicine use: a longitudinal study of 10,638 women. *BMC Complement Altern Med* 11: 2. doi: 10.1186/1472-6882-11.
9. Gyasi RM, Asante F, Segbefia AY, Kabila A, Mensah CM, et al. (2015) Does spatial location matter? Traditional therapy utilisation among the general population in a Ghanaian rural and urban setting. *Complementary Therapies in Medicine* 23(2): 439-450.
10. Gyasi RM, Asante F, Abass K, Yeboah JY, Adu-Gyamfi S, et al. (in press) Beyond demographics: A qualitative study of health beliefs and motivation for complementary and alternative medicine use in rural-urban context, Ghana, *J of Biosocial Sciences*.
11. Sato A (2012) Do Inequalities in Health Care Utilization in Developing Countries Change When We Take into Account Traditional Medicines? *World Development* 40(11), 2275-2289.
12. Gyasi RM, Siaw LP, Mensah CM (2015) Prevalence and patterns of traditional medical therapies utilisation in Kumasi Metropolis and Sekyere South District, Ghana. *J Ethnopharmacol* 161: 138-46.
13. Gyasi RM, Mensah CM, Siaw LP (2015) Predictors of traditional medicines utilisation in the Ghanaian health care practice:interrogating the Ashanti Region. *J Community Health* 40: 314-25,
14. Essegbey GO, Awuni S, Essegbey IT, Akuffofoa M, Micah B (2014) Country study on innovation, intellectual property and the informal economy: Traditional herbal medicine in Ghana. *World Intellectual Property Organisation (Vol. Committee on Development and Intellectual Property (CDIP), Thirteenth Session)*. Geneva: World Intellectual Property Organisation (WIPO).
15. Gyasi RM (2015) Relationship between health insurance status and the pattern of traditional medicine utilisation in Ghana. *Evidence-Based Complementary and Alternative Medicine*, Vol. 2015, ID 717926