

Juliet Iwelunmor, Ph.D.

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CURRENT POSITION

Tenure-Track Assistant Professor
Department of Kinesiology and Community Health,
University of Illinois, Urbana-Champaign

EDUCATION

2006 – 2011 Ph.D. in Biobehavioral Health with a minor in Demography
Pennsylvania State University, University Park, PA
Research Advisor: Dr. Collins O. Airhihenbuwa
*Dissertation (proposal defended 1/2011); Examining child malaria
diagnosis and treatment practices at an outpatient clinic in Southwest
Nigeria.*

2001 – 2006 B.S. in Human Development & Family Studies with a minor in Sociology
Pennsylvania State University, University Park, PA.

RESEARCH FUNDING

Ruth L. Kirschstein National Research Service Award by the National Institute of Child Health and Human Development (NICHD).

Title: An Interdisciplinary Approach to Malaria Burden in sub-Saharan Africa
(F31HD061196-01A1)

Role: Principal Investigator

Research Sponsor: Collins O. Airhihenbuwa, Ph.D. MPH

Funding Period: 08/2010-05/2011

PUBLICATIONS

Article in press

Iwelunmor, J, Airhihenbuwa, C. O., Cooper, R., Tayo, B., Plange-Rhule, J., Adanu, R., Ogedebge, OB. (2014) Prevalence, determinants and systems-thinking approaches to optimal hypertension control in West Africa. *Globalization and Health*, in press

Iwelunmor, J, Sofolahan-Oladeinde Y, Airhihenbuwa, C.O (2014) Socio-cultural factors influencing HIV disclosure among men in South Africa. *American Journal of Men's Health*, in press

Iwelunmor, J, Belue, R., Nwosa, I., Adedokun, A., Airhihenbuwa, C. O (2014) Case management of malaria in children attending an out-patient clinic in southwest Nigeria. *International Journal of Community Health*, in press

Sofalahan-Oladeinde, Y., Conserve, Donaldson, **Iwelunmor, J.**, Ilunga Tshiswaka (2014), Acculturation and its influence on the health perceptions, health behaviors and health outcomes of African Immigrants in the United States: a review of the literature, *Journal of Race and Policy*, in press

Peer-reviewed articles:

Iwelunmor, J., Newsome, V., & Airhihenbuwa, C. O. (2014) Framing the impact of culture on health: A review of the PEN-3 cultural model and its application in public health research and interventions. *Ethnicity and Health*.

Airhihenbuwa, C. O., Ford, C. L., & **Iwelunmor, J. I.** (2014). Why Culture Matters in Health Interventions Lessons From HIV/AIDS Stigma and NCDs. *Health Education & Behavior*, 41(1), 78-84.

Airhihenbuwa, C. O., Makoni, S., **Iwelunmor, J.**, & Munodawafa, D. (2014). Sociocultural Infrastructure: Communicating Identity and Health in Africa. *Journal of health communication*, 19(1), 1-5.

Iwelunmor, J., Airhihenbuwa, C. O., King, G., & Adedokun, A. (2013). Contextualizing Child Malaria Diagnosis and Treatment Practices at an Outpatient Clinic in Southwest Nigeria: A Qualitative Study. (2013) *ISRN Infectious Diseases*, Volume 2013, Article ID 101423,

Iwelunmor, J. and C.O. Airhihenbuwa, Global health governance after 2015. *The Lancet*, 2013. 382(9897): p. 1017-1018

Mieh, T. M., **Iwelunmor, J.**, & Airhihenbuwa, C. O. (2013). Home-Based Caregiving for People Living with HIV/AIDS in South Africa. *Journal of health care for the poor and underserved*, 24(2), 697-705.

Iwelunmor, J & Airhihenbuwa, C. O. (2012) Cultural implications of death and loss from AIDS among women in South Africa. *Death Studies*, 36(2), 134-151

Iwelunmor, J., Idris, O., Adelakun, A. & Airhihenbuwa, C. O. (2010) Child malaria treatment decisions by mothers of children less than five years of age attending an outpatient clinic in south-west Nigeria: an application of the PEN-3 cultural model. *Malaria Journal*, 9:354

Airhihenbuwa, C. O. & **Iwelunmor, J.** On Choices, Freedom, and Decisions about Health: Reflection on the 1969 paper by Joseph H. Douglass. *The American Journal of Health Education*, 41(6), 326-328

Iwelunmor, J., Zungu, N, & Airhihenbuwa, C.O. (2010) Rethinking HIV/AIDS Disclosure among women within the context of motherhood in South Africa. *American Journal of Public Health*, 100 (8), 1393-1399

BeLue, R., Okoror, T., **Iwelunmor, J.**, Taylor, K., Degboe, A., Agyemang, C., & Ogedegbe, G.. (2009). An overview of cardiovascular risk factor burden in sub-Saharan African countries: a socio-cultural perspective. *Globalization and Health*, 5(1), 10.

Airhihenbuwa C.O, Okoror, T.A, Shefer T, Brown D. C, **Iwelunmor J**, Smith E, et al. (2009). Stigma, Culture, and HIV and AIDS in the Western Cape, South Africa: An Application of the PEN-3 Cultural Model for Community Based Research. *Journal of Black Psychology*, 35(4):407–432.

Okoror, T. A., Airhihenbuwa, C. O., Zungu, M., Makofani, D., Brown, D. C., & **Iwelunmor, J.** (2007). "My mother told me I must not cook anymore"--food, culture, and the context of HIV- and AIDS-related stigma in three communities in South Africa. *Int Q Community Health Educ*, 28(3), 201-213.

Iwelunmor, J, Airhihenbuwa, C.O., Okoror, T. A., Brown, D.C. & Belue, R. (2007) Family Systems and HIV/AIDS in South Africa, *International Quarterly for Community Health Education*, 27(4), 321-325

RESEARCH

- Comparative Effectiveness of Congregation and Clinic Based Approaches to the Prevention of Mother to Child Transmission of HIV (Healthy Beginning Initiative). (Funded by NICHD, 2014). Role: Co-Investigator. Research explores barriers to HIV testing among HIV infected pregnant women living in southeast Nigeria despite participation in an intervention to reduce such barriers.
- Strengthening Community Engagement with Sexuality Education and HIV prevention in West and Central Africa, UNESCO (2012). Role; Principal Investigator. Research explores ways to increase community members, including community based organizations receptiveness to UNESCO's scale up of comprehensive sexuality education and HIV prevention programs for youth in West and Central Africa
- Nurturing enabling environments for culturally appropriate HIV and AIDS policies through informed public dialogue and strengthened national research capacity, UNESCO (2011). Principal Investigator; Professor Charles Nzioka, University of Nairobi, Kenya. *Responsibilities; Reviewed research conducted by the principal investigator and provided feedback where necessary.*
- Engaging traditional healers and HIV+ networks in culturally appropriate response to HIV and AIDS, UNESCO (2011). Principal Investigator; Mr. Boniface Ilbano, African Medical Research Foundation, South Africa. *Responsibilities; Reviewed research conducted by the principal investigator and provided feedback where necessary.*
- An Interdisciplinary Approach to Malaria Burden in sub-Saharan Africa, NICHHD Award and Dissertation Research (2009-2011). Advisor: Collins O. Airhihenbuwa PhD. Role; Principal Investigator. *Responsibilities; Conducted research on malaria diagnosis and treatment practices in children attending an outpatient clinic in southwest Nigeria. I used concept-mapping to examine the factors that influence effective diagnosis and treatment of child malaria within the family systems, community and in healthcare settings. Also, since presumptive case management of malaria often leads to mis- and over-diagnosis of malaria, I collected finger-prick blood samples from febrile children using malaria rapid diagnostic tests (RDTs) to determine the degree of concordance between RDTs, physicians' diagnosis of malaria and mother's perceptions of malaria in their children.*
- Fogarty International Grant on Global Health and Geo-resources Management in Africa (2007-2010). Advisor: Collins O. Airhihenbuwa PhD. Role; Graduate Research Assistant *Responsibilities: Assisted with the proposal writing of this grant particularly with conducting literature review on relevant topics associated with Global health such as the burden of infectious diseases in Sub-Saharan Africa (HIV and AIDS, malaria etc). I also conducted fieldwork assignments in southwest Nigeria at the malaria research clinic at University of Ibadan, coordinated and participated in a workshop held at the University of Ibadan, Nigeria on Global Health and Georesources Management.*
- NIH/NHLBI grant on Explanatory models of hypertension in Nigeria (2007). Advisor: Gbenga Ogedegbe, M.D., New York University. Role: Graduate Research Assistant. *Responsibilities: I administered questionnaires to hypertensive patients attending the family medicine unit, the medical outpatient clinic and the hypertensive clinics. Also,*

conducted fieldwork assessment on the reliability of an adapted questionnaires on explanatory models of hypertension drafted from the qualitative portion of this study.

- National Institute on Mental Health research grant on Capacity Building for Research on HIV/AIDS Stigma in South Africa (2006-2011). Advisor: Collins O. Airhihenbuwa PhD. Role: Graduate Research Assistant. *Responsibilities: I conducted fieldwork on HIV and AIDS-related stigma in four South African communities—Khayelitsha, Gugulethu, Mitchell's Plain and Limpopo. Participants included: women living with HIV and AIDS, families of persons living with HIV and AIDS (PLWHA), and healthcare providers at local primary healthcare clinics. I coded and analyzed data transcripts from focus group discussion using NVIVO, participated in weekly project meetings, and participated in a HIV/AIDS capacity building workshop at Pennsylvania State University and in South Africa with partners involved in this project. I also prepared research report writing and literature review on topics such as HIV and AIDS among women, stigma, and the burden of HIV and AIDS among family members in South Africa.*

TEACHING

Instructor: Kinesiology and Community Health, University of Illinois
Course: Women's Health, 2014; Cultural Competence, 2013

Instructor, Department of Biobehavioral Health, Penn State University.
Course; Health, Illness and Disease, 2009
Course; Behavior, Health, and Disease, 2006

Teaching Assistant, Department of Biobehavioral Health, Penn State University.
Course; Global Health and Georesources Management, 2009
Course; Diversity and Health, 2007
Course; Research Strategies in Biobehavioral Health, 2007
Course; Values and Ethics in Human Development, 2006

Peer Educator and Certified Facilitator, University Health Services, Penn State University.
Course; CDC skills building project; (Sisters Informing Sisters about Topic on AIDS)

CONFERENCE PRESENTATIONS

Iwelunmor, J. (2013, November). Thinking globally and acting locally to prevent new HIV infections among youth; the case of Nigeria. In 141st APHA Annual Meeting (November 2- November 6, 2013). APHA.

Newsome-King, V., Iwelunmor, J. & Airhihenbuwa, C.O. (2011) HIV-Positive women's perceptions of gender differences in treatment of Persons Living with HIV/AIDS in hospital, community, and family systems in the Western Cape and Limpopo Provinces of South Africa. Poster Presentation at American Public Health Association Meeting, Washington, DC.

Iwelunmor, J. & Airhihenbuwa, C. O. (2011) A concept mapping study on child malaria management and control in southwest Nigeria. Poster Presentation at the American Academy of Health Behavior, South Carolina.

Iwelunmor, J., Idris, O., Adalokun, A., Airhihenbuwa, C. O. (2010) Tackling malaria diagnosis in children attending a health clinic in Southwest, Nigeria. Oral presentation at the American Public Health Association Meeting in Denver, Colorado.

Iwelunmor, J., Idris, O, Adelokun, A, & Airhihenbuwa, C. O. (2010) Child malaria treatment decisions by mothers in Nigeria: An application of the PEN-3 model. Poster presentation at the Society of Public Health Education Meeting, Denver, Colorado.

Iwelunmor, J., Zungu, N, & Airhihenbuwa, C.O. (2009) Rethinking HIV/AIDS Disclosure among women within the context of Motherhood in South Africa. Presented at the annual Population Association meeting in Detroit, Michigan.

Iwelunmor J, Airhihenbuwa, C.O., Okoror, T. A., Brown, D.C. & Belue, R. (2007) Family Systems and HIV/AIDS in South Africa. Poster presentation at the 58TH Society of Public Health Education Conference.

INVITED PRESENTATIONS

UNESCO Center for Global Studies Program at the Univeristy of Illinois (2013) Talk Title: Working at UNESCO and the UNESCO Intersectoral Program in HIV and AIDS

African Graduate Students Association at the University of Illinois (2013) Talk Title: Towards a culture-centered approach to health intervention in Africa.

Department of Health and Behavior Studies, Program in Health Education, Teachers College, Columbia University; Talk Title; Applying an interdisciplinary perspective to health education research; Lessons from child malaria research in Southwest Nigeria and implications for the future.

Department of Biobehavioral Health, Penn State University. (BBH 596 Colloquium); Talk Title; Rethinking HIV/AIDS disclosure among women within the context of motherhood in South Africa.

Bucknell University, PA, Global Programs; Talk Title; Conducting research in Africa

Department of Biobehavioral Health, Penn State University; (BBH 551: Global Health and Culture); Talk Title: Child malaria treatment practices among mothers attending an outpatient clinic in Southwest Nigeria.

Department of Biobehavioral Health, Penn State University (BBH 305: Introduction to Global Health Issues); Talk Title: The politics of HIV disclosure among women in South Africa.

Department of Biobehavioral Health, Penn State University (BBH 407: Global Health Equity); Talk Title: A case study on malaria burden in Southwest Nigeria.

HONORS AND AWARDS

2010-2011 Eunice Shriver National Institute of Child Health and Human Development (NICHD) Predoctoral Fellow

2010 Biobehavioral Health Graduate Student Scientific Achievement Award

2009-2010: Hintz Graduate Education Enhancement Fellowship Recipient,

2009-2010: Albert and Lorraine Kligman Fellow in Health and Human Development

2008-2009: Hintz Graduate Education Enhancement Fellowship Recipient,

2008-2009: Pennsylvania State Africana Research Center Fellowship Recipient,

2006-2010: Bunton Waller Fellowship at Pennsylvania State University.

MEMBERSHIP IN PROFESSIONAL SOCIETIES

American Public Health Association

American Academy of Health Behavior

Society for Public Health Education