

# DEPARTMENT OF PUBLIC HEALTH CURRICULUM VITAE

Edrisa Sanyang

## I. EDUCATION AND PROFESSIONAL HISTORY

### A. Education

<b>Institution</b>	<b>Field of Study</b>	<b>Degree Obtained</b>	<b>Degree Date</b>
Gambia College, School of Public Health, Brikama, The Gambia	Environmental Health Sciences	HND	2001
The University of The Gambia, School of Medicine & Allied Health Sciences, Banjul, The Gambia	Public and Environmental Health	BSc (Hons)	2007
Leeds Beckett University, Leeds, UK	Health Promotion and Environmental Health	MSc	2011
University of Iowa, College of Public Health, Iowa City, Iowa, USA	Occupational and Environmental Health	MPH	2012
University of Iowa, College of Public Health, Iowa City, Iowa, USA	Occupational and Environmental Health	PhD	2016

### B. Professional and Academic Positions

<b>Position Title</b>	<b>Dates of Service</b>	<b>Institution/Location</b>
Assistant Public Health Officer	2001 – 2005	Ministry of Health & Social Welfare, Banjul, The Gambia
Public Health Field Epidemiologist	2005 – 2007	Ministry of Health & Social Welfare, Banjul, The Gambia
Project Manager, Water & Sanitation	2007 – 2011	ChildFund International, Gambia Office, Kanifing, The Gambia
Lecturer	2011 – 2014	Department of Public & Environmental Health, University of The Gambia, Brikama, The Gambia
Graduate Research Assistant	2014 – 2016	Injury Prevention Research Center, College of Public Health, University of Iowa, Iowa City, Iowa, USA
Research Associate	2016 – 2017	Injury Prevention Research Center, College of Public Health, University of Iowa, Iowa City, Iowa, USA
Visiting Assistant Professor	2017 – 2018	Department of Public Health, College of Public Affairs & Admin, University of Illinois, Springfield, Illinois, USA
Assistant Professor	2018 – Present	Department of Public Health, College of Health and Human Services, Western Kentucky University, Bowling Green, Kentucky, USA

### C. Honors and Awards

Year	Title/Location
2002 – 2005	World Health Organization (WHO) Scholarship, WHO African Region, Harare
2007 – 2011	Leeds Education Trust Fund, Leeds, UK
2010	International Training and Research in Environmental and Occupational Health Scholarship, Fogarty International Center, National Institutes of Health, USA
2011 – 2012	International Training and Research in Environmental and Occupational Health Scholarship, Fogarty International Center, National Institutes of Health, USA
2014 – 2016	Collaborative Trauma and Injury Research Scholarship, Fogarty International, National Institutes of Health, USA

## II. TEACHING

### A. Current Teaching Assignments – Western Kentucky University, Department of Public Health

Fall - PH 584 – Principles of Environmental Health  
PH 385 – Environmental Health

### B. Previous Teaching Assignments

#### 1. University of Illinois at Springfield, Department of Public Health

MPH 521 – Environmental and Occupational Health  
MPH 488 – Occupational Health and Safety  
MPH 506 – Community Health Research  
MPH 224 – Epidemiology – Science of Disease Discovery

#### 2. University of The Gambia, Department of Public & Environmental Health

PHC 506 – Current Public Health Concepts and Strategies  
MPH 655 – Independent Study  
MSPH 655 – Independent Study  
PHC 506 – Global Environmental Health  
PEH 265 – Public Health Inspection and Report Writing  
PEH 101 – Introduction to Public Health and Professional Ethics  
PEH 240 – Water Supply and Sanitation  
PEH 110 – Community Health and Primary Health Care  
PEH 100 – Introduction to Public Health

#### 3. Gambia College, School of Public Health

PEH 240 – Water Supply and Sanitation  
PEH 325 – Public Health and Social Work

### III. SCHOLARSHIP

#### A. Peer-Reviewed Publications

1. Bass P, **Sanyang E**, Mau-Roung L (2018). "Risk Factors for Violent Injuries and Their Severity Among Men in The Gambia". *American Journal of Men's Health*.  
<https://doi.org/10.1177/1557988318794524>
2. **Sanyang E**, Peek-Asa C, Young T, Fuortes L (2017). Child Supervision and Burn Outcome among Admitted Patients at Major Trauma Hospitals in the Gambia. *Int J Environ Res Public Health*. 2017 Jul 30;14(8). pii: E856. doi: 10.3390/ijerph14080856. PubMed PMID: 28758942.
3. **Sanyang E**, Peek-Asa C, Bass P, Young TL, Jagne A, Njie B (2017). "Injury factors associated with discharge status from emergency room at two major trauma hospitals in The Gambia, Africa". *Injury*. 2017 Apr 5. pii: S0020-1383(17)30201-2. doi: 10.1016/j.injury.2017.03.048. [Epub ahead of print] Review. PubMed PMID: 28408082.
4. **Sanyang E**, P.-A. C., Bass P, Young T.L, Daffeh B, Fuortes L.J, (2017). "Risk factors for road traffic injuries among different road users in The Gambia." *Hindawi Journal of Environmental and Public Health*, **2017**: 1 - 9.
5. Wallis, A. B. and **Sanyang, E** (2017). "New era for health in The Gambia" *Lancet* **389**(10084): 2101-2102.
6. **Sanyang, E.**, J. Butler-Dawson, M. A. Mikulski, T. Cook, R. A. Kuye, K. Venzke and L. J. Fuortes (2016). "Environmental and occupational health needs assessment in West Africa: opportunities for research and training." *International Journal of Public Health* **62**(2): 317-325.
7. Murphy, M. W., Sanderson, W.T., Birch, M.E., Liang, F., **Sanyang, E.**, Canteh, M., Cook, T.M., Murphy, S.C (2012). "Type and Toxicity of Pesticides Sold for Community Vector Control Use in The Gambia." *Epidemiology Research International* **2012**.
8. Sanneh, E.S., Hu, A.H., Chang, Y.M., **Sanyang, E** (2011). "Introduction of a recycling system for sustainable municipal solid waste management: a case study on the greater Banjul area of the Gambia." *Environ. Dev. Sustain.* 13, 1065–1080.

#### B. Manuscripts / Manuscripts Under Review

1. Yu W.Y, Bass P, **Sanyang E**, Lin M.R. "Risk Factors for Recurrent Violent Injuries among African Men in The Gambia". *Journal of Community Health*
2. Bass P, **Sanyang E**, Lin M.R. Risk Factors for Injury from Physical Violence and its Severity among Women in The Gambia. *The Injury Journal*.
3. Keum C, **Sanyang E**, Bass P, Ndow B, Fourtes L, Hammann C, Peek-Asa C. Road traffic crashes and injury severity among pedestrian in Greater Banjul Area, The Gambia. *Journal of Global Health: Science and Practice*.
4. Butler-Dawson J, Kuye RA, **Sanyang E**, Rohlman DS, and Thorne PS. Neurobehavioral effects associated with low-level exposure to pesticides in The Gambia. *Journal of Occupational and Environmental Medicine*.
5. Alamu J, **Sanyang E**, Njie B, Dungey KE, and Kuye RA. Cross sectional epidemiologic study of well-water quality and prevalence of gastroenteritis in a developing country. *Journal of Environmental Highlights*.

### C. Theses/Dissertation, Capstone, and Directed Student Research

1. Dissertation Committee and Co-Project Director. Bass, P. (2016 – 2018). *Pattern and risk factors of violent injuries in the greater Banjul area, the Gambia*. Taipei Medical University, School of Public Health
2. Thesis Supervisor. Dumbuya, M. (2017 – 2018). *Investigation of Injury Risk Among Welders in the Kanifing Municipal Council, The Gambia*. University of The Gambia, Department of Public & Environmental Health
3. Dissertation Co-Project Director. Buttler-Dawson, J (2013 – 2015). *Pesticide exposure, risk factors, and neurobehavioral performance among vulnerable populations*. University of Iowa, College of Public Health.
4. Thesis Co-Supervisor. Keum, C.B (2016). *Analysis of road traffic crashes and injury severity of pedestrian victims in the Gambia*. University of Iowa, College of Public Health.
5. Thesis Field Supervisor. Vo, T. (2016). *The effectiveness of cloth filtration in the removal of fecal coliforms in drinking water in rural Gambian villages*. University of Iowa, College of Public Health.
6. Capstone Preceptor. Barlow, M. (2014). *A process evaluation of 'Hands on Care' NGO: Orphan and Vulnerable Children Food Program*. University of Iowa, College of Public Health.
7. Thesis Co-Supervisor. Mendy, M. (2013). *Role of Household Heads in the Promotion and Utilization of Insecticide-Treated Nets*. Leeds Beckett University.

### D. Research Grants received/Coordinated

Source/Title	Position/Role	Amount/ Funding Period
National Institutes of Health/Fogarty International, USA; Global Environmental and Occupational Health (GEOHealth)	Program Director	\$400,000.00 2012 – 2016
RTIRN/CIREH Pilot Grants: Epidemiology of Injuries in The Gambia	Principal Investigator	\$44,095.81 2014 – 2016
University of Illinois Springfield, Faculty Competitive Grant: Blood Lead Levels among Occupationally Exposed Workers, Gambia.	Principal Investigator	\$10,000.00 2018 - 2019

### E. Consultancies

Title	Awarding Organization	Position/Role	Year
Sibanor Drinking-Water Pyramid Evaluation	ChildFund International, The Gambia	Lead Consultant	2011
Environmental and Social Impact Assessment: Trans-Gambia Road Project	National Roads Authority, The Gambia	Co-Consultant	2016

National Community Led Total Sanitation (CLTS) Program Evaluation	Ministry of Health & Social Welfare / United Nations Children Fund (UNICEF)	Lead Consultant	2016
National Road Safety Strategy Development	Ministry of Health & Social Welfare / World Health Organization (WHO)	Lead Consultant	2017

#### IV. SERVICE

##### A. Departmental, Collegial and University Service

Position Title	Dates of Service	Institution/Location
Coordinator, Leeds Beckett Offsite Provision	2010 – 2014	Leeds Beckett University Gambia Program, Banjul, The Gambia
Associate Director, MHIRT Program	2011 – 2016	Department of Public & Environmental Health, University of The Gambia, Brikama, The Gambia
Coordinator, Graduate Programs in Public & Environmental Health	2012 – 2014	Department of Public & Environmental Health, University of The Gambia, Brikama, The Gambia
Faculty Adviser, African Students Association (ASA)	2017 – 2018	University of Illinois at Springfield, Springfield, Illinois, USA

##### B. Professional Organizations

Year	Organization	Position
2002 – 2016	Gambia Association of Public Health Officers (GAPHO)	Treasurer (2005 – 2010)
2004 – 2014	Association for the Advancement of Science and Technology (AASAT)	Member
2010 – Present	American Public Health Association (APHA)	Member
2017 – 2018	Illinois Environmental Health Association (IEHA)	Member