

## CURRICULUM VITAE



**EASMON OTUPIRI**

### 1.0 PERSONAL DETAILS

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Name:	Easmon OTUPIRI
Nationality:	Ghanaian
Contact address:	Kwame Nkrumah University of Science and Technology-School of Public Health, Kumasi, Ghana
Email:	<a href="mailto:eamono@yahoo.com">eamono@yahoo.com</a> , <a href="mailto:eotupiri@jhu.edu">eotupiri@jhu.edu</a> , <a href="mailto:eamono@gmail.com">eamono@gmail.com</a>
Telephone:	+233-20-811-1980

### 2.0 PROFILE

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A highly experienced public health consultant and field epidemiologist, who is currently the Ghana PI for the world acclaimed and ground-breaking multi-country Performance Monitoring and Accountability 2020 (PMA2020) Project that seeks to monitor the world's progress towards the target for FP2020; to enable an additional 120m women and girls worldwide gain access to contraceptives by 2020. For over three decades, I have amassed an impressive record of teaching, research and service to the community: I mentor and teach graduate and undergraduate students in medicine, public health and related fields. I have undertaken translational research that has culminated in national policies on maternal, neonatal and child health. I have travelled the length and breadth of Ghana, implementing community-based interventions designed to improve health outcomes even in the most resource-challenged, deprived and hardest-to-reach communities. My collaborations with academic institutions, academics and health researchers of international repute, have led to a network of partnerships with great benefit for Ghana. My current interest areas are: family planning, maternal health, adolescent sexual and reproductive health rights, reproductive health, maternal, newborn and child survival, and health systems strengthening. I continue to strive to be counted among the most reputable public health practitioners worldwide who develop champions for change.

### **3.0 EDUCATION**

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- PhD (Community Health) 2012
- MSc (Health Services Planning and Management) 2000
- MPH (Public Health) 1998
- Certificate (Advanced Training in Field Epidemiology and Preventive Medicine) 1992
- MSc (Field Epidemiology) 1984
- DVM (Veterinary Medicine) 1984

### **4.0 MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS**

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University Teachers Association of Ghana, Ghana Public Health Association, Postpartum Family Planning Group, Canadian Society of International Health, Community WHO Guidance Group, American Association for Science and Technology, Population Association of America, International Society for Urban Health, Consortium of Universities for Global Health,

### **5.0 HONOURS**

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Bixby Fellow, Guttmacher Institute, 2018  
Gates Fellow, Johns Hopkins Bloomberg School of Public Health, 2010 – date  
Hopkins Scholar, Johns Hopkins Bloomberg School of Public Health, 2007 – 2010  
Deutsche Stiftung für Internationale Entwicklung (DSE) Fellow, 1991 - 1992

### **6.0 POSITIONS HELD**

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August 2019 – date

Head, Department of Population Family and Reproductive Health, Kwame Nkrumah University of Science and Technology-School of Public Health

August 2015 – 2020

Professor, Department of Population, Family and Reproductive Health, Kwame Nkrumah University of Science and Technology-School of Public Health

November 2014 – 2017

Foundation Dean, Kwame Nkrumah University of Science and Technology-School of Public Health

October 2010 - 2015

Senior Lecturer, Department of Community Health, Kwame Nkrumah University of Science and Technology-School of Medical Sciences

Head, Department of Community Health, Kwame Nkrumah University of Science and Technology-School of Medical Sciences

Lecturer, Department of Community Health, Kwame Nkrumah University of Science and Technology-School of Medical Sciences

Head, Department of Community Health, Kwame Nkrumah University of Science and Technology-School of Medical Sciences

Head, Department of Community Health, Kwame Nkrumah University of Science and Technology-School of Medical Sciences

Examiner, Department of Community Health, Kwame Nkrumah University of Science and Technology-School of Medical Sciences

(a) ON-GOING RESEARCH AND RECENTLY COMPLETED RESEARCH

Based on the successes achieved by the Reducing Maternal Mortality and Morbidity (R3M) project, the Ghana Health Service has received support to integrate Comprehensive Abortion Care (CAC) services into routine maternal health services. (US\$ 5m)

The UNFPA is supporting the Ghana Health Service to undertake the fifth Reproductive Health Commodities and Services survey designed to provide evidence to support reproductive health commodity security in Ghana. (US\$ 170,000)

The KNUST-School of Public Health is partnering the CDC Foundation to undertake the Ghana Drowning project; the project will determine the burden and context of drowning in Ghana. (US\$ 695,000.00)

4. GHS/UNFPA/unicef/USAID Otopiri (Consultant)	2020
Health development partners are supporting the Ghana Health Service to undertake the 2020 Emergency Obstetric and Newborn Care needs assessment (US\$630,000.00)	

- 5. DFID (PO:0000033035) Otupiri (Consultant) 2019**  
DFID is supporting the Ghana Health Service to evaluate the effects of family planning implant training on the provision of implant services in Ghana. (GBP 70,000.00)
- 6. The WHO Otupiri (Consultant), 2018-2019**  
The WHO is supporting the Ghana Ministry of Health/Ghana Health Service to develop national operational guidelines and standards for the provision of adolescent and youth-friendly health care services across the country (US\$10,000)
- 7. The Netherlands government, Otupiri (Consultant), 2017-2021**  
NICHE/GHA/269 project. The Netherlands is supporting the Ghana Ministry of Health to implement training programs designed to improve the marketability of students in Nursing and Midwifery Training Colleges in the three northern regions of Ghana. The new curriculum adds on e-health and entrepreneurship skills and competences using PBL and CBL approaches. (€2m)
- 8. Government of Canada/Gutmacher Institute, Otupiri (PI), 2017-2020**  
Ghana Abortion Study. A nationally representative survey of women of reproductive age that will use five methods in three surveys to determine the burden of abortion and other reproductive health indicators in Ghana. (US\$ 400,000)
- 9. Harvard TH Chan School of Public Health/Ariadne Labs, Otupiri (PI), 2016-2019**  
Evaluation of the performance of the primary health care system in Ghana. A national survey of primary health care health facilities that a nationally representative sample women of reproductive age in Ghana utilize for health care. (US\$ 350,000)
- 10. UNFPA-Ghana/Ghana Health Service, Otupiri (Consultant), 2014-2018**  
Ghana is a beneficiary of the Global Programme to enhance Reproductive Health Commodity Security (GPRHCS). The annual facility-based surveys aim at providing data on contraceptives and essential maternal and reproductive health medicines as part of efforts aimed at enhancing the country's capacity to achieve Reproductive Health Commodity Security (RHCS). (US\$ 250,000).
- 11. Government of Canada/Plan International, Otupiri (Consultant), 2018**  
Mid-term evaluation of the Strengthening Health Outcomes for Women and Children project (SHOW). The SHOW project is a 4-year gender-transformative initiative aimed at increasing the quality, availability, utilization and accountability of essential Maternal, Newborn and Child Health/Sexual and Reproductive Health (MNCH/SRH) services to reduce maternal and child mortality among marginalized and vulnerable women, specifically adolescent girls, and their children in targeted regions of Ghana (US\$ 30,000.00)
- 12. Gates Institute for Population and Reproductive Health/Johns Hopkins Bloomberg School of Public Health, Otupiri (Consultant), 2015**  
An initiative to partner traditional authorities in the Ashanti, Brong Ahafo and Volta regions to promote male involvement in family planning with the view to improving family planning uptake in Ghana (US\$ 50,000)

**13. Bill and Melinda Gates Foundation, Otupiri (PI), 2013-2020**

This a Bill and Melinda Gates Foundation funded multi-country project that seeks to track progress towards the Family Planning 2020 (FP2020) goal of an additional 120m new women and girl users of contraceptives. One hundred and twenty female resident enumerators have been trained to collect family planning data in 100 randomly selected enumeration areas across Ghana to provide national data for this population-based survey that is being replicated in 12 other countries (US\$ 2.5m)

**14. Johns Hopkins Bloomberg School of Public Health, Otupiri (PI), 2009-2017**

A multi-country, multi-centre study on the relationship between family size, wealth and health that aims to provide evidence from seven (7) sites in different sub-Saharan African countries. The study sites in Ghana are Oforikrom and Asawase sub-metropolitan areas of Kumasi. The study will collect longitudinal data from an open-cohort of 800 randomly selected families (US\$ 500,000).

**15. USAID-Ghana, Otupiri (Consultant), 2012-2014**

Assessing the effects of leadership training and performance-based grants on district level public health outcomes in Ghana. This USAID-Ghana funded project seeks to determine whether leadership training and performance-based funding to district health management teams result in improved public health outcomes (US\$ 60,000).

**16. Johns Hopkins University, Otupiri (PI), 2003-2015**

Enhancing reproductive health outcomes through research, training and advocacy. This project is designed to develop capacity and leadership in population and reproductive health with the view to improving reproductive health outcomes in Ghana. KNUST-School of Public Health and the Johns Hopkins Bloomberg School of Public Health are collaborating to implement the project (US\$ 2.1m).

**17. University of Michigan-William Davidson Institute, Otupiri (PI), 2010-2014**

Improving the management of health centres in Ghana: a randomized controlled trial on the effects of management coaching on health centre operations, staff motivation and patient services is funded by the University of Michigan-William Davidson Institute. We seek to test the hypothesis that associates significantly improved health outcomes at health centres with management coaching. This hypothesis is based on small-scale trials conducted in Rwanda (US\$70,000).

**18. Georgetown University, Otupiri (PI), 2011-2012**

Introduction of Safe Day Methods (SDM) into family planning services in selected regions of Ghana sought to assess the feasibility, acceptability, and effectiveness of the introduction of Standard Days Methods using Cyclebeads into the family planning method mix in Ghana (US\$ 50,000).

**19. Columbia University-Mailman School of Public Health, Otupiri (co-PI), (2009-2012)**

Systems improvement at district hospitals and regional training of emergency care (sidHARTe) is a Columbia University-Mailman School of Public Health-funded project. The project seeks to improve emergency care at district hospitals through

training and short- to medium-term assistance, and mentoring by internationally acclaimed emergency care specialists and residents in two rural district hospitals in Ghana. (US\$ 360,000)

**20. Newmont-Ghana Gold Limited                      Otupiri (Consultant)                      2009-2011**

The Scaling up community integrated management of newborn and childhood illness in the Ahafo operational area project seeks to improve newborn and child health outcomes in the Ahafo area where Newmont-Ghana operates as a mining company (US\$250,000).

**21. UNICEF/UNFPA/WHO/AMDD/GHS                      Otupiri (Consultant)                      2010**

Needs assessment of emergency obstetric and newborn care in Ghana. UNICEF/UNFPA/WHO/AMDD and the Ghana Health Service funded this project. The project sought to use an adapted version of the assessment tools developed by Averting Maternal Deaths and Disability (AMDD-Columbia University) to appraise the current status of emergency obstetric and essential newborn care in Ghana as part of efforts to achieve MDGs 4 and 5 in the country.

**22. Johns Hopkins University                      Otupiri (Consultant)                      2007-2008**

Health policy and programme mapping exercise in the Upper East region and the rest of Ghana project sought to document child survival interventions in Ghana (US\$ 50,000).

**23. Ghana Civil Society                      Otupiri (Consultant)                      2006-2007**

Monitoring MDGs 4, 5 & 6 in Ghana is a Ghana Civil Society funded project that sought to provide evidence-base on Ghana's progress towards achieving the key health-related MDGs. Data were collected from three (3) rural districts, one each from the three ecological zones of Ghana. Civil Society used the findings to educate communities as a means of empowering them to demand action from the Government of Ghana on the health-related MDGs. (US\$ 10,000)

**24. The National Council for Higher Education/TALIF                      Otupiri (co-PI)                      2006**

Improving medical education through Strategic Leadership at the Kwame Nkrumah University of Science and Technology project was funded by the National Council for Higher Education/TALIF, Ghana to develop leadership skills in the provision of medical education at KNUST (US\$200,000)

**25. UNICEF/UNFPA                      Otupiri (co-PI)                      2005**

Accelerating improvements in maternal and newborn health in northern Ghana is funded by UNICEF/UNFPA with support from the Ghana Health Service to undertake a needs assessment of emergency obstetric and essential newborn care in the three northern regions of Ghana based on the high burden of maternal and newborn morbidity and mortality in these regions (US\$ 90,000).

**26. UNICEF-Ghana                      Otupiri (PI)                      2003-2008**

Accelerated child survival and development (ACSD) in northern Ghana Project is funded by UNICEF-Ghana. The idea is to use community-directed interventions to accelerate improvements in neonatal and child survival, growth and development in

<b>27. WHO</b>	<b>Otupiri (Field coordinator)</b>	<b>2004-2006</b>
<p>Assessment of the feasibility, acceptability and safety of Artesunate-Amodiaquine for home management of malaria in rural Ghana. Feasibility study to support the use of ACTs as first line medications for the treatment of uncomplicated malaria at the community level following the widespread resistance to chloroquine in Ghana. Funding from the WHO (US\$ 75,000).</p>		

<b>29. LSHTM/DFID, UK</b>	<b>Otupiri (Team member)</b>	<b>1998-2001</b>
Improving the quality of obstetric care by using the 'Near-Miss' audit enquiry approach in Ghana. Project funded by LSHTM/DFID UK (US\$ 350,000).		

An average of 8 – 10 MSc/MPH students supervised annually since 2000. The students are from universities within and outside Ghana. Currently, academic supervisor for seven PhD students: Princess Ruhama Acheampong (KNUST, Ghana), Victor Stephani (Technical University of Berlin, Germany), Carie Muntifering Cox (Johns Hopkins Bloomberg School of Public Health, USA), Akosua Gyimah (KNUST, Ghana), Alex Bapula (KNUST, Ghana), Isaac Kofi Yankson (KNUST), and Joe Strong (London School of Economics, UK). Annual supervision of 10-15 research projects of KNUST undergraduate medical students. Lectures offered to undergraduate medical, nursing and veterinary medical students; epidemiology, health systems research, environmental health, good field practice and leadership. Lectures offered to graduate public health, nursing and family medicine students; reproductive health, health systems research, good field practice, leadership, adolescent sexual and reproductive health rights, family health and epidemiology

1. University of Cape Coast, School of Medical Sciences
2. University for Development Studies, Department of Family Health and Community Medicine
3. University of Ghana, School of Public Health
4. Catholic University College of Ghana

## 10.0 PUBLICATIONS

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1. Apenkwa J, Edusei A, Amponsah SK, Nakua W, Newton S, **Otupiri E**, Adaobi CC. (2021). Community-based management of acute malnutrition programme: Rural and urban maternal socio-demographic and implementation differentials in Ghana. *British Journal of Public Health, Medicine and Nursing*. 3(2): 167-171.
2. Stewart B, Gyedu A, **Otupiri E**, Nakua E, Boakye G, Mehta K, Donkor P, Mock C. (2021). Comparison of childhood household injuries and risk factors between urban and rural communities in Ghana: A cluster-randomized, population-based, survey to inform injury prevention research and programming. *International Journal of the Care of the Injured*. Vol. 52, (7):1757-65 DOI: <https://doi.org/10.1016/j.injury.2021.04.050>
3. Kumbeni MT, Ziba FA, Apenkwa J, **Otupiri E**. (2021). Prevalence and factors associated with menstruation-related school absenteeism among adolescent girls in rural northern Ghana. *BMC Women's Health*. 21:279. <https://doi.org/10.1186/s12905-021-01418-x>
4. Aba AP, Akohene Mensah K, Brenyah JK, Twum P, Okyere P, **Otupiri E**. (2021). Knowledge, attitudes and socio-demographic factors associated with males' involvement in fertility treatment in Ghana. *J Women's health Care*. 10:52. doi:10.35248/2167-0420.21.10.522
5. Keogh SC, Otupiri E, Castillo PW, Li NW, Apenkwa J, Polis CB. (2021). Contraceptive and abortion practices of young Ghanaian women aged 15-24: evidence from a nationally representative survey. *Reprod Health*. 18:150 <https://doi.org/10.1186/s12978-021-01189-6>
6. Mehta K, Gyedu A, Otupiri E, Donkor P, Mock C, Stewart B. (2021). Incidence of childhood burn injuries and modifiable household risk factors in rural Ghana: A cluster-randomized, population-based household survey. *Burns* 47:944-951
7. Polis CB, **Otupiri E**, Bell SO, Larsen-Reindorf R. (2021). Use of fertility awareness-based methods for pregnancy prevention among Ghanaian women: a nationally representative cross-sectional survey. *Glob health Sci Pract*;9(2):318-331. <https://doi.org/10.9745/GHSP-D-20-00601>
8. S.C. Keogh, E. Otupiri, P.W. Castillo, D.W. Chiu, C.B. Polis, E.K. Nakua, S.O. Bell. (2021). Hormonal contraceptive use in Ghana: The role of method attributes and side effects in method choice and continuation. *Contraception*. <https://doi.org/10.1016/j.contraception.2021.05.004>
9. Maxwell Tii Kumbeni, **Easmon Otupiri**, Florence Assibi Ziba. (2020). Menstrual hygiene among adolescent girls in junior high schools in rural northern Ghana. *Pan African Medical Journal*. 37(190). 10.11604/pamj.2020.37.190.19015
10. Gyedu A, Stewart B, **Otupiri E**, Donkor P, Mock C. (2020). First aid practices for injured children in rural Ghana: a cluster-random population-based survey. *Prehosp Disaster Med*.; 00(00):1-7.
11. Polis Chelsea B, **Otupiri E**, Hindin M, Chiu DW, Keogh SC, Aidoo C, Larsen-Reindorf R, Bell SO. (2020). Prevalence and correlates of perceived infertility in Ghana. *Studies in Family Planning* 51(3): 207-224. doi: 10.1111/sifp.12136



12. Stephani V, Opoku D, **Otupiri E**. (2020). Determining the potential of mobile phone-based health interventions in Kumasi, Ghana. *Ghana Med J* 54(2): 88-92 DOI: <http://dx.doi.org/10.4314/gmj.v54i2.6>
13. Bell G, Macarayan EK, Ratcliffe H, Kim j-H, **Otupiri E**, Lipsitz S, Hirschhorn L., Awoonor-Williams JK, Nimako BA, Ofosu A, Leslie H, Bitton A, Schwarz. D. (2020). Assessment of bypass of the nearest primary health care facility among. Women. In. Ghana. *JAMA Network Open*. 3(8):e2012552. doi: 10.1001/jamanetworkopen.2020.12552
14. Ratcliffe HL, Bell G, Awoonor-Williams K, Bitton A, Kim J-H, Lipstiz, Macarayan E, Ofosu A, **Otupiri E**, Schwarz D, Hirschhorn LR. (2020). Towards patient-centred care in Ghana: health system responsiveness, self-rated health and experiential quality in a nationally representative survey. *BMJ Open Quality*. 9:e000886. :1136/bmjopen-2019-000886doi:10
15. Polis CB, Castillo PW, **Otupiri E**, Keogh SC, Hussain R, Nakua EK, Larsen-Reindorf R, Bell SO. (2020). Estimating the incidence of abortion: using the Abortion Incidence complications Methodology in Ghana, 2017. *BMJ Global Health*. 5:e002130. doi:10.1136/bmjgh-2019-002130
16. Keogh SC, **Otupiri E**, Chiu DW, Polis CB, Hussain R, Bell SO, Nakua EK, Larsen-Reindorf R. (2020). Estimating the incidence of abortion: a comparison of five approaches in Ghana. *BMJ Global Health*. 5:e002129. doi:10.1136/bmjgh-2019-002129
17. Uy J, Macrayan EK, Ratcliffe H, Miller K, **Otupiri E**, Awoonor-Williams JK, Hirschhorn LR, Lipsitz SR, Schwarz D, Bitton A. (2019). Preliminary validation of the PRImary care facility Management Evaluation tool (PRIME-Tool), a national facility management survey implemented in Ghana. *BMC Health Services Research*. 19:937 <https://doi.org/10.1186/s12913-019-4768-8>
18. Nakua EK., Owusu-Dabo E, Newton S, Koranteng A, **Otupiri E**, Donkor P, Mock C. (2019). Injury rate and risk factors among small-scale gold miners in Ghana. *BMC Public Health* 19:1368. <https://doi.org/10.1186/s12889-019-7560-0>
19. Mohammed A, Acheampong PR, **Otupiri E**, Owusu-Dabo E. (2019). Symptom monitoring of childhood illness and referrals: A pilot study on the feasibility of a mobile phone-based system as a disease surveillance tool in a rural health district of Ghana. *Health Informatics Journal* 1-12. DOI: 10.1177/1460458219879329
20. Zimmerman LA, Bell SO, Li Q, Morzenti A, Anglewicz P, **PMA 2020 Principal Investigators Group**, Tsui A. (2019) Individual, community and service environment factors associated with modern contraceptive use in five Sub-Saharan African countries: A multilevel, multinomial analysis using geographically linked data from PMA2020. *PLoS ONE* 14(6): e0218157. <https://doi.org/10.1371/journal.pone.0218157>
21. Nakua EK, Amissah J, Apiribu F, **Otupiri E**, Budu-Ainooson A, Agyeman-Weithey F, Adoteye G, Ansong D. (2019). Sports injuries in second-cycle institutions: The burden on, and risk factors associated with student health. *Postgraduate Medical Journal of Ghana* Vol. 8 No. 2: 108-116
22. Mohammed A, Acheampong PR, **Otupiri E**, Osei FA, Larsen-Reindorf R, Owusu-Dabo E. (2019). Mobile phone short message service (SMS) as a malaria control

tool: a quasi-experimental study. *BMC Public Health* 19:1193  
<https://doi.org/10.1186/s12889-019-7336-6>

23. Larsen-Reindorf R, **Otupiri E**, Anomah JE, Edwards BM, Frimpong B, Waller B, Prince ME, Basura GJ. (2019) Paediatric hearing loss: a community-based survey in peri-urban Kumasi, Ghana. *J Laryngol Otol.* 1-9.  
<https://doi.org/10.1017/S0022215119001658>

24. Schwarz D, Kim JH, Ratcliffe H, Griffith B, Awoonor-Williams JK, Nimako B, **Otupiri E**, Lipsitz S, Hirschhorn L, Bitton A (2019) The status of Ghanaian community health workers' supervision and service delivery: descriptive analyses from the 2017 Performance Monitoring and Accountability 2020 survey. *Gates Open Research*, 3:1468 (<https://doi.org/10.12688/gatesopenres.12979.3>)

25. Naziru TM, Gbagbo YF, Agbeno KE and **Otupiri E**. (2019) Review of socio-demographic and economic predictors of adolescent pregnancies in rural Ghana. *Nursing and Health Care* 4: 38-43

26. Zimmerman LA, Bell SO, Li Q, Morzenti A, Anglewicz, Guiella G, Gichangi P, **Otupiri E**, Makumbi F, Kibera S, Shiferaw S, Seme A, Habi O, Oumarou S, (2019). Individual, community and service environment factors associated with modern contraceptive use in five sub-Saharan African countries: A multilevel, multinomial analysis using geographically linked data from PMA2020. *PLoS ONE* 14(6): e0218157. <https://doi.org/10.1371/journal.pone.0218157>

27. Erlyn K. Macarayan, Hannah L. Ratcliffe, **Easmon Otupiri**, Lisa R. Hirschhorn, Kate Miller, Sturt R. Lipsitz, Atul A. Gawande, Asaf Bitton. (2019) Facility management associated with improved primary health care outcomes in Ghana. *PLoS ONE* 14(7): e0218662. <https://doi.org/10.1371/journal.pone.0218662>

28. Saifuddin Ahmed, Yoonjoung Choi, Jose G Rimon, Souleymane Alzouma, Peter Gichangi, Georges Guiella, Patrick Kayembe, Simon P Kibira, Fred Makumbi, Funmilola OlaOlorun, Elizabeth Omoluabi, **Easmon Otupiri**, Sani Oumarou, Assefa Seme, Solomon Shiferaw, Phillip Anglewicz, Scott Radloff, Amy Tsui. (2019) Trends in contraceptive prevalence rates in sub-Saharan Africa since the 2012 London summit on family planning: an analysis of cross-sectional survey results. *Lancet Global Health* [http://dx.doi.org/10.1016/S2214-109X\(19\)30200-1](http://dx.doi.org/10.1016/S2214-109X(19)30200-1)

29. Julie Hennegan, Alexandra K Shannon, Kellog J Schwab & On behalf of **PMA2020 investigators**. (2018) Wealthy, urban, educated. Who is represented in population surveys of women's menstrual hygiene management? *Reproductive Health Matters* 26:52, 81-91, DOI: 10.1080/09688080.2018.1484220

30. Emmanuel Kweku Nakua, Ellis Owusu-Dabo, Samuel Newton, Koranteng Adofo, **Easmon Otupiri**, Peter Donkor, Charles Mock. (2018). Occupational injury burden among gold miners in Ghana. *International Journal of Injury Control and Safety Promotion*. DOI: 10.1080/17437300.2018.1515232

31. Ericka L fink, Amelie von Saint Andre-von Arnim, Rashmi Kumar, Patrick T. Wilson, Tigist Bacha Heye, Abenezer Tirsit Aklilu, Tsegazeab Laeke, Shubhada Hooli, Lisine Tuyisenge, **Easmon Otupiri**, Anthony Fabio, John Gianakas, Patrick M. Kochanek, Derek C Angus, Robert C. Tasker. (2018) Traumatic Brain Injury and Infectious Encephalopathy in Children From Four Resource-Limited Settings in Africa. *Pediatric Critical Care Medicine*. DOI:10.1097/PCC.0000000000001554

32. Hawes, Meagan; Safi, Sally; Greenleaf, Abigail; Tsui, Amy; Guiella, Georges; Shiferaw, Solomon; Seme, Assefa; **Otupiri, Easmon**; Gichangi, Peter; Makumbi, Frederick (2017) Response patterns on behavioural outcomes in relation to use of resident enumerators over multiple survey rounds. Performance Monitoring and Accountability 2020 (PMA2020) Methodological Reports No. 1. Baltimore, Maryland, USA: Bill & Melinda Gates Institute for Population and Reproductive Health, Johns Hopkins University
33. Linnea Zimmerman, Hannah Olson, Georges Guiella, Peter Gichangi, Elizabeth Omoluabi, Funmilola OlaOlorun, **Easmon Otupiri**, Fred Makumbi, Solomon Shiferaw, Assefa Seme, Philip Anglewicz, Patrick Kayembe, Siswanto Wilopo, Anoop KhanaSouleymane Alzouma, Sani Oumarou (2017) PMA2020: Rapid turn-around survey data to monitor family planning service and practice in ten countries. *Studies in Family Planning* 48(3): 293-303
34. Funmilola M. OlaOlorun, Amy Tsui, **Easmon Otupiri**, Assefa Seme, Elizabeth Tobey, Freya Sonenstein (2017) Mothers' work, family roles and self-reported health in peri-urban Ghana and Ethiopia. *African Population Studies* Vol. 31, No1, (Supp. 2)
35. **Easmon Otupiri**. (2017) Determinants of contraception among women with a previous Caesarean section the Kumasi metropolis, Ghana. *Annals of Global Health* 83(1):198 DOI: 10.1016/j.aogh.2017.03.492
36. Sridhar Vedachalam, Luke H. McDonald, Elizabeth Omoluabi, Funmilola OlaOlorun, **Easmon Otupiri**, Kellogg J. Schwab. (2017) The role of packaged water in meeting global targets on improved water access. *Journal of Water Sanitation and Hygiene for Development*, DOI: 10.2166/wasdev.2017.155
37. Ofeibea Asare, **Easmon Otupiri**, Joana Apenkwa and Rose Odotei-Adjei. (2017) Perspectives of urban Ghanaian women on vasectomy. *Reproductive Health*, 14(1), 21. DOI 10.1186/s12978-017-0286-5
38. Gifty Apiung Aninanya, Natasha Howard, John E. Williams, Benjamin Apam, Helen Prytherch, Svetla Loukanova, Eunice Karanja Kamara and **Easmon Otupiri**. (2016) Can performance-based incentives improve motivation of nurses and midwives in primary facilities in northern Ghana? A quasi-experimental study. *Glob Health Action*, 9: 32404 – <http://dx.doi.org/10.3402/gha.v9.32404>
39. Agyei Helena, **Easmon Otupiri** and R.E. Larsen-Reindorf (2016) Preventing repeat abortions among women in Kumasi, Ghana. *American Journal of Public Health Research*, vol. 4, no. 1:8-15. Doi: 10.12691/ajphr-4-1-2
40. Larissa Jennings, Fang Yang, **Easmon Otupiri**, Ambrose Akinlo, Michael Okunola, Michelle Hindin (2016) Association of household savings and expected future means with delivery using a skilled birth attendant in Ghana and Nigeria: A cross-sectional analysis. *Matern Child Health J*, DOI 10.1007/s10995-016-2097-7
41. Ganle JK, **Otupiri E**, Obeng B, Edusie AK, Ankomah A, Adanu R (2016) Challenges women with disability face in accessing and using maternal healthcare services in Ghana: A qualitative study. *PloS ONE* 11(6): e0158361. doi:10.1371/journal.pone.0158361
42. Adam Gyedu, Francis Abantanga, Godfred Boakye, Shailvi Gupta, **Easmon Otupiri**, Anita Eseenam Agbeko, Adam Kushner and Barclay Stewart (2016). Barriers to essential surgical care experienced by women in the two northernmost

regions of Ghana: a cross-sectional survey. *BMC Women's Health*, 16:27  
DOI:10.1186/s12905-016-0308-4

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## 11.0 CONFERENCE ABSTRACTS/PRESENTATIONS

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2. Chelsea Polis. Phillicia Castillo, **Easmon Otupiri**, Sarah Keogh, Rubina Hussain, Emmanuel Nakua, Roderick Larsen-Reindorf, Suzanne Bell. Estimating abortion incidence in Ghana for 2017 using the Abortion Incidence Complications Methodology. Presented at the Society of Family Planning Annual Meeting, Los Angeles, CA, October 19 – 21, 2019

2. Sarah Keogh, Chelsea B. Polis, **Easmon Otupiri**, Phillicia Castillo, Rubina Hussain, Doris Chiu, Emmanuel Nakua, Roderick Larsen-Reindorf, Suzanne Bell. Comparing four approaches to estimating abortion incidence in Ghana. Presented at the Population Association of America Annual General Meeting, Austin, TX, April 10 – 13, 2019

3. **Easmon Otupiri**, Joana Apenkwa, Judith Ansong, Patrick Aboagye. Women empowerment and modern contraceptive use in a marginalized sub-population in Kumasi, Ghana. Presented at the International Conference on Family Planning, Kigali Rwanda, November 11 – 14, 2018

4. Rita Larsen-Reindorf, **Easmon Otupiri**, Joyce Esinam Anomah, Bruce M Edwards, Barbara Frimpong, Bianca Waller, Gregory J Basura. Paediatric hearing loss: A population-based survey in peri-urban Kumasi, Ghana. Presented at the Conference of the Coalition for Global Hearing Health, Cape Town, South Africa. October 27 – 28, 2018

5. **Easmon Otupiri**, Emmanuel Nakua, Roderick Larsen-Reindorf, Joana Apenkwa. Profile of reproductive health indicators for adolescents and young people in Ghana. Presented at the 2<sup>nd</sup> National Adolescent Reproductive Health Summit 2018, Accra, Ghana. August 29 – 30, 2018

6. **Easmon Otupiri**, Patrick Aboagye, Ismail Indifuna. Ensuring commodity security: Reproductive health commodity and services survey 2017. Presented at the Maternal, Child Health and Nutrition Conference 2018, Accra, Ghana. June 12 – 14, 2018
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20. **E. Otupiri**, R. Larsen-Reindorf, D. Yar, J. Apenkwa. Using mADDs to monitor progress towards Family Planning 2020 in Ghana. Presented at the 6<sup>th</sup> Annual Consortium of Universities for Global Health Conference, Boston, MA. March 26 - 28, 2015

21. **Otupiri E**, Larsen-Reindorf R, Yar DD, Apenkwa J. Performance Monitoring and Accountability 2020: using mobile phone technology to monitor progress towards Family Planning 2020. Presented at the National Family Planning Conference, Kampala, Uganda. July 28–30, 2014

22. **Otupiri E**, Yawson A, Apenkwa J, Nakua E, Owusu-Dabo E. Predictors of unmet need for contraception in the Kintampo area of Ghana. Presented at the National Family Planning Conference, Kampala, Uganda. July 28–30, 2014

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24. **Otupiri E**. Can Ghana meet the indicator for FP 2020? Presented at the Reproductive Health Seminar for the Electronic Media in Ashanti and Brong-Ahafo regions. Kumasi, Ghana. June 18, 2014

25. **Otupiri E**. Panel member, 15<sup>th</sup> Anniversary of the Bill and Melinda Gates

Institute for Population and Reproductive Health, Baltimore, MD, USA. May 26-28, 2014

26. Psaki SR, Yar D, **Otupiri E**, Hindin MJ. Gender differences in factors associated with depressive symptoms among couples in Kumasi, Ghana. Presented at the Population Association of America meeting, Boston, MA. USA. May 01–03, 2014

27. **Otupiri E**. Resident Enumerators; the cornerstone of PMA2020. Presented at the PMA2020 National Dissemination meeting, Accra, Ghana. March 26, 2014

28. OlaOlorun F, Seme A, **Otupiri E**, Ogunjuyigbe P, Tsui A. Do women fertility desires influence contraceptive behavior? Findings from 3 peri-urban communities in sub-Saharan Africa. Presented at the International Conference on Family Planning, Addis Ababa, Ethiopia. November 12-15, 2013

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National HIV and AIDS Research Conference (NHARCON), Accra, Ghana. September 10-13, 2013

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37. **Otupiri E**. The current health status of the Ghanaian child; options to improve the march to achieving MDG-4. Presented at the Student Global Health Conference, Salt Lake City, Utah, USA. March 29 – April 13, 2013

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44. Brenner S, Haisch D, **Otupiri E**, Moresky R. Piloting the emergency service survey for district hospitals in Ghana. Emergency Medicine in the Developing World Conference, Cape Town, South Africa. November 17 – 18, 2011

45. Haisch D, **Otupiri E**, Moresky R. Evaluating District-level emergency care in Ghana: The creation of a novel needs assessment tool. Presented at the Emergency Medicine Conference in the Developing World Conference, Cape Town, South Africa. November 15 – 17, 2011
46. Wilson P, Bagas K, Morris M, **Otupiri E**, Moresky R. A prospective clinical trial evaluating the effectiveness of nasal CPAP in children with acute respiratory distress presenting to a developing country's emergency ward. Society of Clinical Care Medicine Conference, Houston, Texas, USA. June 06-08, 2011
47. Agyei-Baffour P, Boateng K, Nakua E, **Otupiri E**, Owusu-Dabo E. Knowledge, attitude and practices (KAP) of food practitioners on hazard analysis and critical control point (HACCP) in the Kumasi metropolis, Ghana. ISPOR Conference. Mexico City, Mexico. September 8 – 10, 2011
48. Owusu-Dabo E, **Otupiri E**, Oppong-Baah A, Apenkwa J. Predictors of contraceptive use among female head-porters in the Kumasi metropolis, Ghana. Presented at the Global Maternal Health Conference, New Delhi, India. August 2010
49. **Otupiri E**, Lokko NM, Owusu-Dabo E. Abortion in Bosomtwe District, Ghana; A case-control study at St. Michael's Hospital. Presented at the Global Maternal Health Conference, New Delhi, India, August 2010
50. Britwum-Nyarko A, **Otupiri E**, Adu-Sarkodie Y. Antenatal testing for syphilis; policy versus practice in the Ashanti region, Ghana. Presented at the Global Maternal Health Conference, New Delhi, India. August 2010
51. **Otupiri E**, Amankwah E, Owusu-Dabo E, Larsen-Reindorf R. Determinants of skilled birth attendance among women in rural communities of the Bolgatanga municipality in the upper East region, Ghana. Presented at the 3<sup>rd</sup> Annual Scientific Conference of the College of Health Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana. August 2010
52. Larsen-Reindorf R, **Otupiri E**, Bosomprah J, Owusu-Dabo E. Contextual factors related to contraceptive use among women in the Offinso district, Ghana. Presented at the 3<sup>rd</sup> Annual Scientific Conference of the College of Health Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana. August 2010
53. Dogbe J, **Otupiri E**, Edusei A, Ansong D, Owusu-Dabo E. Missed opportunity for completion of immunization schedule of children aged 3-24 months in Komfo Anokye Teaching Hospital, Kumasi-Ghana. Presented at the 3<sup>rd</sup> Annual Scientific Conference of the College of Health Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana. August 2010
54. **Otupiri E**, Gyasi V, Owusu-Dabo E, Larsen-Reindorf R. The influence of feeding practices on the nutritional status of children aged 0-23 months in the Bibiani-Anhwiaso-Bekwai district of Ghana. Presented at the 3<sup>rd</sup> Scientific Conference of the

College of Health Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana. August 2010

55. Owusu-Dabo E, **Otupiri E**, Sunu E, Larsen-Reindorf R. Current contraceptive use predictors: A comparative study of men and women in the Ho municipality, Ghana. Presented at the 3<sup>rd</sup> Annual Scientific Conference of the College of Health Sciences, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana. August 2010

56. Minshew I, Stracensky NJ, Lolyd S, Hale D, **Otupiri E**. Facilitators and barriers of vitamin A supplementation in a Ghana Health district. Presented at the Global Health Initiative Conference. Salt Lake City, Utah, USA. May 2010

57. Mote CV, **Otupiri E**, Tagbor H, Larsen-Reindorf R. factors influencing family planning choices among women in Hohoe, Ghana. Presented at the International Conference on Family Planning, Kampala, Uganda. November 2009

58. Agyei-Baffour P, **Otupiri E**, Ababio S. Knowledge and current use of family planning among males in the Ga East municipality, Ghana. Presented at the International Conference on Family Planning, Kampala, Uganda. November 2009.

59. **Otupiri E**, Agyei-Baffour P, Boateng S, Amankwah J, Abaseka V. Scaling up home management of malaria in the context of accelerated child survival, growth and development programme in the Upper East region, Ghana [abstract MIM-EO-3080] 2005

## 12.0 OTHER PUBLICATIONS

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### *REPORTS*

- a. Family planning implant evaluation (2019), Accra, Ghana
- b. National Operational Guidelines and Standards for Adolescent and Youth-friendly Health Services (2019), Accra, Ghana
- c. Household assessment for family planning commodities and services in Ghana (2018), Accra Ghana
- d. Facility assessment for reproductive health commodities and services in Ghana (2015, 2016, 2017), Accra, Ghana
- e. **Otupiri E**. (2014) Assessing the effects of leadership training and performance-based grants on district level public health services outcomes in Ghana. Report for USAID-Ghana
- f. **Otupiri E** (2013) Assessing the introduction of Standard Days Methods into family planning services in selected regions of Ghana. Report for Georgetown University-Institute of Reproductive Health
- g. National Assessment for Emergency Obstetric and Newborn Care. Accra, Ghana: Ministry of Health/Ghana Health Service, Government of Ghana. 2011

- h. Korboe D, **Otupiri E.** (2008) MDG monitoring report 2007; Goals 2-6, education and health. Ghana Civil Society Monitoring Campaign, Accra, Ghana.
- i. **Otupiri E,** Adjei RO (2008) Health and development programs and policy mapping exercise in the Upper East region and the rest of Ghana. In final report of The retrospective evaluation of accelerated child survival and development: Ghana. Report by Institute for International Health programs, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, USA
- j. Browne ENL, **Otupiri E,** Plange-Rhule G, Odoi AT, Essgbey IT, Kesse K and the Ghana EmONC Team (2005) Accelerating improvements in maternal and newborn health in northern Ghana. Report for UNICEF and UNFPA, Accra, Ghana
- k. Browne ENL, **Otupiri E** and the Ghana HMM Team (2002) Early appropriate home management of fevers in children aged 6 months – 6 years in Ghana. Project No. 980285 TDR Final Report series No. 54, WHO/TDR, Geneva
- l. Browne ENL, Tagoe E, Agyei-Baffour P, **Otupiri E** and the Ghana HMM Team (2006) Assessment of the feasibility, acceptability and safety of Artesunate-Amodiaquine for home management of malaria in rural Ghana. TDR project No. A41067, WHO/TDR, Geneva

### **13.0 SERVICE TO THE COMMUNITY**

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#### *UNIVERSITY*

- Dean, KNUST-School of Public Health (2014-2017)
- Head, Department of Community Health, KNUST-School of Medical Sciences (2010-2012, 2008-2009, 2005-2007)
- Examiner for undergraduate and graduate students (since 2001)
- Lead person for the establishment of the KNUST-School of Public Health, (2012 – 2014)
- Board member, School of Medical Sciences (2002 – 2012)
- Member KNUST-Johns Hopkins Linkage Advisory Board (since 2003)
- Member, Committee for the establishment of the KNUST-School of Veterinary Medicine (2009)
- Member, KNUST-Academic Board (2008-2009, 2005-2007)
- Member KNUST Malaria Committee (2005)
- Academic advisor to graduate and undergraduate students (since 2001)
- Member, Committee to review application for affiliation to KNUST by the College of Health, Kintampo (2012)
- Member, Committee to review application for affiliation by Mountcrest University, Accra (2014)
- Member, Committee to review application for affiliation by Allover Polytechnic, Lagos, Nigeria (2015)

#### *(b) NATIONAL*

1. Member, Technical Committee, Ghana EmONC national assessment

(2020)

2. Member, Steering Committee, Ghana EmONC national assessment (2019)
3. Member, group of experts to determine the way forward for Family Planning in Ghana, (2015)
4. Member, group of experts to determine scope of Ghana Urban Malaria study, (2012)
5. Member, panel of experts who developed the Ghana MDG-5 Acceleration Framework (MAF), (2012)
6. Member, working group on the Health Promotion Policy for Ghana, (2012)
7. Member, Emergency Obstetric and Newborn Care assessment team for Ghana, (2010)
8. Member, Guinea Worm Eradication Programme – National Certification Committee (2010 to date)
9. External Examiner, University Of Cape Coast - School of Medical Sciences (2102 to date)
10. External Examiner, University for Development Studies - School of Medicine and Health Sciences, (2012 to date)
11. External Examiner, Faculty of Public Health and Allied Health Sciences, Catholic University College of Ghana, Fiapre-Sunyani, (since 2009)
12. Moderator, Garden City University College, Kumasi (since 2009)
13. Consultant, UNICEF-Ghana and the Ghana Health Service programme on integrating newborn care into community-integrated childhood illness in the three northern regions of Ghana
14. Member, panel of experts on the development of post-abortion care policy and the law on abortion, (2006)
15. Consultant, Newmont Ghana Gold Limited programme to scale up community-integrated management of newborn and childhood illness interventions in the Ahafo project area in Ghana (since 2006)
16. Consultant, UNICEF-Ghana and the Ghana Health Service programme on accelerated child survival and development in the three northern regions of Ghana (2003)
17. Member, University Teachers Association of Ghana (UTAG) (since 2001)
18. Member, Ghana Veterinary Medical Association (since 1986)
19. External assessor for promotion of academic staff (University for Development Studies, Tamale), (2015)
20. Moderator, College of Health & Well-Being, Kintampo (since 2014)

#### *(c) INTERNATIONAL*

1. Principal Investigator, Ghana Abortion Study (2018 – 2020)
2. Principal Investigator for Performance Monitoring and Accountability 2020/Ghana (PMA2020), 2013 to date
3. Principal Investigator for Family Health and Wealth Study/Ghana (FHWS/Ghana) 2009 to date
4. Guest Lecturer, University of Utah, 2014
5. External assessor for promotion of academic staff (University of Utah), 2009 and (Columbia University), 2019
6. Reviewer, Bulletin of World Health Organization, since 2010
7. Reviewer, BMC Pregnancy and Childbirth (since 2014)

8. Reviewer, BMC Public Health (since 2010)
9. Reviewer, African Journal of Reproductive Health (since 2012)
10. Presenter of abstracts at the International Conference on Family Planning (2009, 2011, 2013, 2016)
11. Reviewer, Journal of Public Health in Africa (since 2012)
12. Reviewer, Journal of Scientific Research and Reports (since 2014)
13. Reviewer, British Journal of Medicine and Medical Research (since 2014)
14. Reviewer, The Cleft Palate-Craniofacial Journal (since 2014)
15. Reviewer, Journal of Public Health and Epidemiology (since 2012)
16. Reviewer, International Conference on Family Planning, (2011 – 2016)
17. Editor, SM Journal of Public Health & Epidemiology (since 2015)
18. Reviewer, PlosONE, since 2015

#### **14.0 OTHER SKILLS**

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- Strong drive to achieve results
- Commitment to excellence
- Integrity without blemish
- Exceptional analytical skills
- Eye for detail
- Great Team player
- Effective communicator (oral and writing skills)
- Immense respect for inclusion and diversity
- Motivating leadership skills
- Computer skills



## REFEREES

1. Tsiri Agbenyega  
Professor, School of Medical Sciences  
College of Health Sciences  
Kumasi  
Phone: 020 811 3848  
Email: [tsiri@ghana.com](mailto:tsiri@ghana.com)

2. Amy Tsui  
Professor Emerita, Department of Population Family and Reproductive Health  
Johns Hopkins Bloomberg School of Public Health  
Baltimore MD  
USA  
Phone: +1 443 850 0500  
Email: [atsui@jhu.edu](mailto:atsui@jhu.edu)

3. Michelle Hindin  
Director, Reproductive Health  
Population Council  
New York, New York 10017  
USA  
Phone: +1 443 794 6410  
Email: [mhindin@popcouncil.org](mailto:mhindin@popcouncil.org)



**EASMON OTUPIRI**  
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