**AYAGA A. BAWAH, PHD**

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**PERSONAL DATA**

**Name:** Bawah, Ayaga A

**Date of birth**: May 15, 1966

**Birthplace**: Navrongo, Ghana

**Citizenship**: Ghanaian

**EDUCATION**

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| **5/2002**  **5/1999** | **University of Pennsylvania**  PhD, May 2002, Demography  **University of Pennsylvania**  MA, May 1999, Demography | Philadelphia, PA, USA  Philadelphia, PA, USA |
| **8/1995** | **University of Ghana**  MA August 1995, Population Studies | Accra, Ghana |
| **8/1991** | **University of Ghana**  BA(Hons) 1991 August, Geography and Resource Development | Accra, Ghana |

**ACADEMIC APPOINTMENTS**

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| 09/2019-  01/2016-8/2019  4/2015- | **Associate Professor**  **Senior Lecturer**  **Research Affiliate (non-paid)** | Regional Institute for Population Studies (RIPS), University of Ghana, Legon, Accra  Regional Institute for Population Studies (RIPS), University of Ghana, Legon, Accra  Population Studies Center, University of Pennsylvania, Philadelphia, USA |
| **PREVIOUS APPOINTMENTS** | | |
| 6/2011-6/2015 | **Assistant Professor** | Heilbrunn Department of Population and Family Health, Mailman School of Public Health, Columbia University, New York. |
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| 6/2011- 6/2015 | **Visiting Scholar** | School of Public Health, University of Ghana, Legon, Accra, Ghana. I was Assistant Professor at Columbia University and served as a Visiting Scholar during the period 2011-2015. |
| 6/2011- 6/2015 | **Director for Research** | Ghana Essential Health Intervention Programme (GEHIP). GEHIP wasa health systems strengthening programmefunded by the Doris Duke Charitable Foundation which was implemented by the Upper East Regional Directorate of Health Service to improve on health delivery through the CHPS programme in the region |
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| 7/2006-  6-2011 | **Senior Research Associate** | INDEPTH NETWORK, Accra, Ghana |
| 5/2005-6/2006 | **Berelson Fellow** | Policy Research Division, The Population Council, New York |
| 2002-2005 | **Mellon Foundation Postdoctoral Fellow and Head, Navrongo Demographic Surveillance System** | A Population Council Fellow, New York, based at the Navrongo Health Research Centre, Navrongo, Ghana |
| 1995-2002 | **Research Officer/Demographer** | Navrongo Health Research Centre, Navrongo, Ghana |

**TEACHING AND ACADEMIC EXPERIENCE**

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| Mathematical Demography (POPS 618), Advanced Population Analysis (POPS 606) and Sources, Evaluation, and Adjustment of Demographic Data(POPS 601) | I currently teachthese three courses at the Regional Institute for Population Studies, University of Ghana. They are all Masters level courses. |
| Demographic Methods and Principles (P6615) | I taught this course in the Spring of 2015 and co-taught same in the Fall of 2012 and 2014. It is an elective course offered at the Heilbrunn Department of Population and Family Health, Mailman School of Public Health (MSPH), Columbia University |
| Introduction to Population Studies (PFRH 613) – University of Ghana School of Public Health | While as a Columbia University Mailman School of Public Health visiting scholar resident at the University of Ghana School of Public Health between 2012 and 2015, I taught this course at the to MPH students at the School of Public Health. |
| Applied Demography in Public Health(PFRH702), University of Ghana School of Public Health | This is required module that all PhD students enrolled at the School of Public Health at University of Ghana are required to take. It is a seminar course I offered to the PhD students and I used to teach the module on Applied Demography when I was a visiting scholar SPH. |
| Mathematical Demography (POPS 618)  Advanced Population Analysis (POPS 606), Regional Institute for Population Studies, University of Ghana | Between 2008 and 2011, I was part-time lecturer at the Regional Institute for Population Studies, University of Ghana, responsible for teaching this courses to MA students.  This is a required course for the Master of Arts degree in Population Studies. I taught this course for 2009 &2010. |
| Faculty of Integrated Development Studies, University for Development Studies, Ghana (1997-1998) | During the period 1997-1998, I was part-time lecturer teaching undergraduate courses in the Department of Environmental and Techniques of Resource Assessment. |

**Student Mentorship**: I am currently co-supervising 7 PhD students 2 of whom I am the lead supervisor. Also,during the period 2011-2015, I provided mentorship support to all MSPH students on practicum assignments in Ghana working with the Ghana Essential Health Intervention Program (GEHIP). Between 2012 and 215, I successfully supervised the dissertation of 10 MPH students at the School of Public Health, University of Ghana. All the 10 students successfully completed the programme.

**Postdoctoral Mentorship**: I mentored, Dr Patrick Asuming, who worked under me as a Postdoctoral Fellow of the Mailman School of Public Health, Columbia University. I was then on the faculty of Columbia University as an Assistant Professor and Director for Research, Ghana Essential Health Intervention Program (GEHIP).

**External Examiner:**

*External Examiner,* Faculty of Health Sciences, University of the Witwatersrand, Johannesburg, South Africa. I served as an external Examiner of Mr Cho Kabudula PhD thesis titled “

*Reader/External Committee Membe*r (2014-2016), Swiss Tropical and Public Health Institute (STPHI), University of Basel, Switzerland: I served as external Reader/Evaluator of Dr Koku Awoonor-Willam, PhD, who has since received his PhD fromSTPHI.

E*xternal Examiner* – Faculty of Commerce, University of Cape Town, South Africa. Since 2009 I have been serving as External Examiner, reviewing and grading Master of Philosophy (MPhil) Students’ thesis in Population Studies.

**EXPERIENCE ON POPULATION, HEALTH RESEARCH AND SOCIAL RESEARCH**

* **Director for Research, Ghana Essential Health Intervention Program (GEHIP): 2011-2015.**GEHIP is a program of the Ghana Health Service in Upper East region which is aimed at improving health through CHPS using the six building blocks of the health system developed by World Health Organization for improving health delivery in the developing world. With funding from Doris Duke Charitable Foundation through Columbia University Mailman School of Public Health, GEHIP works in collaboration with the Upper East regional health directorate and the University of Ghana School of Public Health, to improve health delivery using CHPS as the vehicle.Prior to implementation of GEHIP, we evaluated the CHPS program in order to determine the missing links and to fill those gaps through GEHIP implementation. As Director for Research, I led all the research, monitoring and evaluation efforts of GEHIP and provided feedback to the implementation team.
* **Head, Scientific Research Co-ordination, INDEPTH Network: 2006-2011.**I was responsible for co-ordination all Scientific Research within the INDEPTH Network. The INDEPTH Network current has a total of 38 Health and Demographic Surveillance System (HDSS) sites in 19 countries across Africa, Asia and Oceania. INDEPTH’s mission is to harness the collective potential of the world’s community-based longitudinal health and demographic surveillance initiatives in resource constrained countries to provide a better, empirical understanding of health and social issues, and to apply that understanding to alleviate the most severe health and social challenges.
* **Berelson Foundation Fellow: May 2005-June 2006:** The Bernard Berelson fellowship programme was a mid-level scientists fellowship awarded on a highly competitive basis resident at the policy research division of the Population Council in New York. In 2005, I was awarded this fellowship for a period of two years to be based in New York. I worked for a year in this position and resigned in 2006 to take up a Senior Research Scientist position at the INDEPTH Network in Accra commencing July 1, 2006.
* **Head, Navrongo Demographic Surveillance Unit: September 2002-May 2005.** I was recruited as Mellon Foundation Postdoctoral Fellow by the Population Council, New York, and assigned to Navrongo to Head the Demographic Surveillance Unit. The Navrongo Demographic Surveillance System was initially set up to provide an independent mechanism for evaluating the impact of the Navrongo Community Health and Family Planning project which was aimed at testing different strategies to determine the best way to deliver health services to rural and impoverished communities in Ghana. As Head of the Navrongo Demographic Surveillance System (NDSS) at the time, I led a team of more than 30 field workers**,** 8 field supervisors, 2 Research Assistants and 1 Research Officer, to collect data on demographic and health events such as pregnancies, births, deaths and migrations in-and-out of the district for the purposes of evaluating the CHFP and other health interventions that were ongoing at the project area.
* **Research Associate, African Census Analysis Project (ACAP): 1998-2005.** ACAP was large effort at the University of Pennsylvania to create a data repository of all census data from Africa and to create the space and resources for students and faculty and researchers from Africa to undertake scholarship and research on Africa to inform policy and dialogue. It was a joint initiative of the Population Studies Center, University of Pennsylvania and African research and governmental institutions. This was to allow for collaboration with various African governments and research institutions at archiving and analyzing African census data, both at national and sub-national levels, in order to inform appropriate policy interventions on the continent. I served as a Graduate Research Assistant on the Project between 1998-2002 and became a Research Associate between 2002-2005.
* **Demographer, Navrongo Community Health and Family Planning Program (CHFP): 1996-1998**. I was the Demographer responsible for the monitoring and evaluation of the Navrongo Community Health and Family Planning Project (CHFP), which was adopted and christened Community-based Health Services and Planning (CHPS), the national program for delivering health services to all communities in Ghana. As Demographer for the CHFP in Navrongo, I worked with Community Health Nurses and the project team during the trial phase to ensure that all components of the service regimes were adhered to and helped in evaluating the impact of the program on family planning uptake, health and survival. We conducted both quantitative and qualitative interviews to generate data for evaluating progress of the project. In addition, I was also responsible for overseeing and monitoring the Management Information System (MIS) and the field operations of the demographic components of the CHFP project.

1. **Research Assistant, Navrongo Health Research Centre (NHRC): 1992-1994.**I worked as a Research Assistant at the NHRC. My initial responsibility was to help collect and analyse data on child survival and health in the Guinea Savannah zone of northern Ghana, which was funded by the International Development Research Center (I.D.R.C) of Canada. The final report of this project was submitted to IDRC (see reports below). At the end of the IDRC funded project, I was assigned direct responsibility of leading a team of field workers in collecting longitudinal data on the health and demographic profile of the population of the Kasena-Nankana District of Northern Ghana. During this period, I acted as the head of the NDSS, with a direct responsibility for supervising the collection and analysis the data for two years.

**SELECTED CONSULTANCY EXPERIENCE**

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| **UN Consultant**  **10/2006** | **United Nations Department of Economic and Social Affairs, New York.**  I served on a UN ***Expert Group*** *to review issues related to estimation of adult Mortality in developing countries.* The objective was to provide advice on new data requirements and methods to improve the estimation of adult mortality in data deficient settings. The group met over a one week period in New York to review, discuss and make recommendations to the UN for improving demographic estimation of adult mortality in developing countries. At the conclusion of this exercise, we submitted a report to the UN Department of Economic and Social Affairs. |
| **Consultant, International Union for Scientific Study of Population (IUSSP)**  **2008-2009** | **Consultant: International Union for the Scientific Study of Populations (IUSSP)**  I served as an expert to IUSSP to undertake a *Technical Assessment of the Teaching of Technical Demography* in **Anglophone Africa,** and to make recommendations for improving the training of *Technical Demography* in Africa. Over a period of one year, I reviewed teaching curricula and staffing situations in Demography training institutions in Anglophone Africa and prepared a report which I submitted to the IUSSP. At the end of the contract, I submitted a report to IUSSP and made a formal presentation on the report to a **High Level Group inThe Hague on March 26, 2009.** |
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| **Consultant, African Census Analysis Project (ACAP), University of Pennsylvania, USA**  **2002-2003** | The African Census Analysis Project which was based at the University of Pennsylvania. I worked there as a Research Assistant while as a PhD student. Subsequently, I was contracted after my doctoral studies as Consultant to coordinate joint research between ACAP and the INDEPTH Network. ACAP archived large volumes of African Census data while the INDEPTH Network coordinated the development and collection of longitudinal surveillance data. |
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| **WARILab (UDS) (June 2014 to date)** | WARILab (West Africa Resilience Innovation lab) is the West African chapter of the ResilientAfrica Network (RAN), is a partnership of sub-Saharan African and American Universities led by Makerere University in Uganda with the aims of strengthening the resilience of people and systems in Africa by leveraging the knowledge, scholarship and creativity that exists in partner universities to build resilience of target communities. The Network is supported and funded by the United States Agency for International Development’s (USAID’s) Office of Science and Technology (OST). I serve as a consultant advising on data collection for evaluating programs of the West African lab. |
| **INDEPTH Network (Oct 2013to date)**  **UNFPA Consultant Oct-Dec 2016**  **Consultant, KOICA-Ghana (Since November 1, 2016 to date)**  **Consultant, UNFPA-GHANA (Since Nov 2019-todate)** | INDEPTH is an international network of field stations involved in demographic and health research in selected developing countries of Africa and Asia. Currently, INDEPTH has field stations in 25 countries. As consultant, I advise the network data collection and methods for evaluation health and social programs in these field stations.  United Nations Population Fund (UNFPA), Accra, Ghana. Contracted by the UNFPA Ghana Country office to review the 6th Government of Ghana (GoG)/UNFPA programme in order to provide lessons learned for the 7thGoG/UNFPA programme which starts in 2018.  Korean International Cooperation Agency *Evaluation Advisor* supporting the Navrongo Health Research Centre to evaluate their project on Improving Community-based Primary Health Care through strengthening of Ghana’s Community-based Health Planning and Services Programme (CHPS+).  To support the National Development Planning Commission of Ghana to develop a Youth Development Index for Ghana |

**MEMEBERSHIP OF PROFESSIONAL ORGANIZATIONS, SOCIETIES AND PUBLIC SERVICE**

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| September 2016 -  June 2015 - Jan 2017  January 2017 -  December 2016 - | **Member (Social Scientist),** Technical Advisory Committee on Clinical Trials in Ghana, Food and Drugs Authority (FDA), Ghana  **Member,** Tamale Teaching Hospital Governing Board, Tamale, Ghana  *Provided professional advice and oversight to the management of the hospital*  **Member,** Strategic Advisory Committee, Ghana Health CHPS+ Programme  **Member,** Project Steering Committee, Korean International Cooperation Agency (KOICA)funded programme to support Government of Ghana on improving Ghana’s Community-based Health Planning and Services CHPS) programmed dubbed CHPS+ |
| **2010-2013** | **Committee Member,** Continuing Epidemiological Transition in Sub-Saharan Africa(2010-2013), United States Academy of Science (NAS) Link to report of committee (<http://www.nap.edu/catalog.php?record_id=13533>).  *The Committee consisted of global experts in Epidemiological and Demographic Transitions with a 3 year mandate to research Epidemiological Transitions in sub-Saharan Africa and their implications for health systems responses*. |
| **2002-2005** | **Institutional Review Board (IRB),** Navrongo Health Research Centre, Navrongo. *The IRB in Navrongo is an NIH certified institutional review board with Federal Wide Assurance (FWA) responsible for reviewing scientific research and ethical merits of research protocols for implementation at the Navrongocenter. Its membership is diverse, consisting of research scientists, academics, legal experts and traditional regulatory authorities. I represented the research scientists on the board.* |
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| **2010-2012** | **African Population Studies,** *Editorial Advisory Committee*  A scientific journal published both online and in hardcopy by the Union for African Union of Population Studies (UAPS).  *UAPS is professional scientific organization of demographers and other population scientists aimed at advancing knowledge in Africa* |
| **2002-2005**  **1998-present**  **2000-present** | **A General Demography of Africa**, *Editorial Advisory Board*  A series of scientific publications utilizing African census data to empirically study the demography of Africa. It is based at the Population Studies Center, University of Pennsylvania, USA.  **Member,** Population Association of America (PAA), an international professional organization of demographers and population scientists  **Member,** International Union for the Scientific Study of Population (IUSSP), an international organization of demographers and population scientists |
| **2001-present** | **Member,** Union for African Population Studies (UAPS), an international organization of demographers and population scientists  **Member**, Health Systems Global Research Symposium (HSR)  **Member,** Consortium of Universities of Global Health (CUGH) |

**UNIVERSITY OF GHANA SERVICE**

18 September 2018 **Member**, RIPS Management Committee, University of Ghana

20 August 2018 - **Member**, Committee tasked to develop Anti-Bribery and Fraud Policy for

University of Ghana

April 12, 2018 - **Member,** Convocation Rep, University of Ghana Academic Board

August 1, 2016 - **Member,** RIPS Rep, University of Ghana Academic Board

August 24, 2016 - **Member,** University-Industry Liaison Committee, Regional Institute for

Population Studies, University of Ghana

December 6, 2016 **- Member,** Research Development Fund Review Committee, Regional Institute

for Population Studies, University of Ghana

December 6, 2016 **- Chair,** Resource Mobilization Committee, Regional Institute for Population

Studies, University of Ghana

**AWARDS AND HONORS**

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| 1994-1995 | **United Nations Training Fellow**, Regional Institute for Population Studies, University of Ghana |
| 1994-1995 | **Academic Excellence Awards**  Best Student Award Technical Demography, Master of Arts Degree; Best Student Award Population and Development Inter-relationships, Master of Arts Degree; Best Student Award Dissertation, Master of Arts Degree and Overall Best Student Award for Master of Arts Degree, Regional Institute for Population Studies, University of Ghana |
| 1999-2000 | **Training and Research Fellowship Award**, Population Reference Bureau, Washington, DC |
| 2000-2002 | **Compton Foundation Fellowship**, Population Studies Center, University of Pennsylvania |

**PREVIOUS AND CURRENT GRANTS RECEIVED**

**Ongoing grants**

1. **Principal Investigator**: *Assessment of Health Policy and Systems Research (HPSR) capacities: Generating and using evidence for policies in Ghana”* Funded by World Health Organization (WHO). Grant # 2019/954607: **Grant amount: $29,184.50**
2. **Principal Investigator (Ghana)**: “*Implementation and impact evaluation of the Willows’ Reproductive Health Programs in Ghana, Pakistan, Tanzania and Turkey”* (duration: June 1, 2017 – May 31, 2023). The overall goal of the programme is to conduct evaluation surveys and analysis that can be used to inform future programmatic decision-making both for the Warren Buffet Foundation and Willows International. **Grant amount $1,621,559.39**
3. **Co-Principal Investigator**: DDCF Grant #2016107 (**Co-PIs**: James F. Phillips, John Koku Awoonor-Williams &**Ayaga A. Bawah**); Duration: April 1, 2016 – March 31, 2021: Grant Title: “*A National Program for Strengthening the Implementation of the Community-based Health Planning and Services (CHPS) Initiative in Ghana: CHPS+.”*This goal of this project is to scale-up a successful health system strengthening program that was implemented by the Co-PIs during the period 2009-2015 funded by the same donor. **Grant amount $1,658,491.20**
4. **Co-Investigator:** Grant title: *Pathways to Equitable Healthy Cities*, Wellcome Trust Grant, together with Professors Samuel Agyei-Mensah and George Owusu (University of Ghana) and Majid Ezzati, Imperial College, University of London. **Grant amount: £539,000.00**

**Previous grants**

1. **Co-Investigator**: Doris Duke Charitable Foundation Grant 2009058B (PI: James F. Philips) Title: *“Population Health Implementation Training (PHIT) Partnership Grant: The Ghana Essential Health Intervention Program.”* This project was plausibility trial that tested the impact of different strategies of health delivery on childhood survival (5 million USD): 2009-2015
2. **Principal Investigator: *“****Understanding the demographic and health transitions in developing countries using health, health systems and demographic.”* Funder: International Development Research Centre (IDRC), Canada, US$460,670 (2009-2011)
3. **Co-Principal Investigator**: Title*: “Realising Rights: Improving Sexual and Reproductive Health Rights for Poor and Vulnerable Populations”* Funder: Department for International Development (DFID) £125,000 (1995-1999)
4. **Co-Principal Investigator**: *“Team for applied research to Generate Effective Tools and Strategies for Communicable Disease Control (TARGETS).”* Funder: Department for International Development (DFID), £166,164 (1995-1999)
5. **Co-Principal Investigator**: *“Evaluation of Reproductive Health Interventions at INDEPTH Sites.”* Funder: Hewlett Foundation, US$1,000,000 (2008-2010)

**PUBLICATIONS: *Google Scholar h-index 21; Research Gate (RG) 34.07 (Calculated January, 2021)***

***Accepted but pending publication***

Henry EG, Agula C, Agyei-Asabere C, Asuming P, **Bawah AA**, Canning D, Shah I. 2021. Dynamics of

Emergency Contraceptive Use in Accra, Ghana. *Studies in Family Planning*.

***Original, peer reviewed articles***

**Bawah, A.A**., Sato, R., Asuming, P. *et al.* Contraceptive method use, discontinuation and failure rates

among women aged 15–49 years: evidence from selected low income settings in Kumasi, Ghana. *Contraception and Reproductive Medicine* **6,**9 (2021). https://doi.org/10.1186/s40834-021-00151-y

NCD Countdown 030 collaborators, Bennett JE, Kontis V, Mathers CD, Guillot M, Rehm J, Chalkidou

K, Kengne AP, Carrillo-Larco RM, **Bawah AA**, Dain K, Varghese C, Riley LM, Bonita R, Kruk ME, Beaglehole R, Ezzati M[et al.](https://www.imperial.ac.uk/people/majid.ezzati/publications.html), 2020, [NCD countdown 2030: pathways to achieving sustainable development goal target 3.4](http://dx.doi.org/10.1016/S0140-6736(20)31761-X), The Lancet, Vol: 396, Pages: 918-934, ISSN: 0140-6736

Henry EG, Hackett CM, **Bawah AA**, Asuming PO, Agula C, Canning D, Shah I. 2020. The impact of a

personalized, community-based counselling and referral programme on modern contraceptive use in urban Ghana: a retrospective evaluation, Health Policy and Planning, czaa082, <https://doi.org/10.1093/heapol/czaa082>

Kweku M, Manu E , Amu H, Aku FY, Adjuik M, Tarkang EE, Komesuor J, Asalu GA, Amuna NN,

Boateng LA, Alornyo JS, Glover R , **Bawah AA**, Letsa T, Awoonor-Williams JK, Phillips JF, Gyapong JO. 2020. Volunteer responsibilities, motivations and challenges in implementation of the community-based health planning and services (CHPS) initiative in Ghana: qualitative evidence from two systems learning districts of the CHPS+ project. *BMC Health Services Research* **20,**482 (2020). https://doi.org/10.1186/s12913-020-05348-6

Oh J, Kavanagh MM, Gottschalk K, Subramanian SV, Shibuya K, Hirschhorn LR, Alonso C, Torres I,

Awoonor-Williams K, Hoang VM, **Bawah AA**, Tran GH, Kachur SP, Sáenz R, Artaza O, Kwon S, Nam EW, Choi JW, Lee JK, McKee M, Gostin LO. 2020.Announcement of launching the JGHS commission on COVID-19 response.   **Journal of Global Health Science**. ***(Commentary)*** Jun;2(1):e20.   <https://doi.org/10.35500/jghs.2020.2.e20>

Asuming PO, **Bawah AA**, Kanmiki EW, Phillips JF. 2020. Does expanding community-based primary

health care coverage also address unmet need for family planning and improve program impact? Findings from a plausibility trial in northern Ghana.   *Journal of Global Health Science* June;2(1):e18. <https://doi.org/10.35500/jghs.2020.2.e18>

Haykin LH, Francke JA, Abapale A, Yakubu I, Dambayi E, Jackson EA, Aborigo R, Nonterah EA,

Oduro AR, **Bawah AA**, Phillips JF, Heller DJ. (2020). Adapting a nurse-led primary care initiative to cardiovascular disease control in Ghana: A qualitative study. *BMC Public Health*

Kweku M, Amu H,1 Adjuik M, Manu E, Aku FY, Tarkang EE, Komesuor J, Asalu GA, Amuna NN,

Boateng LA, Alornyo JS, Glover R, **Bawah AA**, Letsa Timothy, Awoonor-Williams JK, Kachur SP, Phillips JF, Gyapong JO. 2020. Community Involvement and Perceptions of the Community-Based Health Planning and Services (CHPS) Strategy for Improving Health Outcomes in Ghana: Quantitative Comparative Evidence from Two System Learning Districts of the CHPS+ Project, *Advances in Public Health,* https://doi.org/10.1155/2020/2385742

Kalifa JW, Biney A, Kushitor M, Awoonor-Williams JK, **Bawah AA**, Phillips JF. (2020). Community

perceptions of universal health coverage in eight districts of the Northern and Volta regions of Ghana, Global Health Action, 13:1 https://doi.org/10.1080/16549716.2019.1705460

Sheff MC, **Bawah AA**, Asuming PO, Kyei P, Kushitor M, Phillips JF, Kachur P. (2020). Evaluating

health service coverage in Ghana’s Volta Region using a modified Tanahashi model, *Global Health Action,* 13:1 <https://doi.org/10.1080/16549716.2020.1732664>

Kweku M, Amu H, Awolu A, Adjuik M, Ayanore MA, Manu E, et al. (2020) Community-Based Health

Planning and Services Plus programme in Ghana: A qualitative study with stakeholders in two Systems Learning Districts on improving the implementation of primary health care. PLoS ONE 15(1): e0226808. https://doi.org/10.1371/journal.pone.0226808

Nefa SA, Ibrahim AM, Mulushewa SS, Wonga MM, Lee HY, Siyum GA, Amentie MA, Chebo AF,

Birhanu BG, Battle J, Hiluf MK, Kebedom AG, Gobezayehu AG, Robins A, **Bawah AA**, Subramanian S, Oh J. (2019) Study design for the 2019 baseline survey of newly established longitudinal surveillance woredas as the field lab to serve child health improvement project of Benishangul-Gumuz region, Ethiopia.  *Journal of Global Health Science* 1(2):e51. <https://doi.org/10.35500/jghs.2019.1.e51>

Edmund Wedam Kanmiki, E.W., **Bawah, A.A**., Akazili, J., Agorinyah, I., Awoonor-Williams,

J.K., Phillips, J.F., & Kassak, K.M. (2019).Unawareness of health insurance expiration status among women of reproductive age in Northern Ghana: implications for achieving universal health coverage. *Journal of Health, Population and Nutrition* 38:34 https://doi.org/10.1186/s41043-019-0190-4

Sulemama, A., **Bawah, A.A**., Nettey, O.E., Anane, E.A., Zandoh, C., et al. (2019). Potential

gains in reproductive-aged life expectancy if maternal mortality were eradicated from the Kintampo districts of Central Ghana. *BMC Pregnancy and Childbirth* 19 (1): DOI: 10.1186/s12884-019-2515-0

Kushitor, M., Biney, A.A.E., Wright, K., Phillips, J.F., Awoonor-Williams, J.K., & **Bawah, A.A.**

(2019). A qualitative appraisal of stakeholders’ perspectives of a community-based primary health care program in rural Ghana. *BMC Health Services Research* 19(1): DOI:10.1186/s12913-019-4506-2

Agula, C., Mabe, F.N., Akudugu, M.A., Dittoh, S., Ayambila, S.N. & **Bawah, A.A**. (2019).

Enhancing healthy ecosystems in northern Ghana through eco-friendly farm-based practices: insights from irrigation scheme-types. *BMC Ecology* 19 (1):38: DOI:10.1186/s12898-019-0254-8

Kanmiki, E.W., **Bawah, A.A**., Phillips, J.F., Awoonor-Williams, J.F., Kachur, S.P., Asuming,

P.O., Agula, C., & Akazili, J. (2019). [Out-of-pocket payment for primary healthcare in the era of national health insurance: Evidence from northern Ghana](https://www.researchgate.net/publication/335293347_Out-of-pocket_payment_for_primary_healthcare_in_the_era_of_national_health_insurance_Evidence_from_northern_Ghana?_sg=ks5goprRCn1nDR9w0c467zqAPDsX42e7U9fL0jVNkDiSAo7Di9ZcoHJuzPDr9Ev8VCjACXwWZiapfM06GqvguurKU8fty7LT6VtR6L8J.4sjAH8KViSyDmowjpkU98ONaGy6uEBar5O7GOEA4MqMS_VDD7RLCf_QEIAMtKAsPPxcmPGoHMDQeoHK5d6I7VQ). *PLoS ONE*14(8):e0221146: DOI:10.1371/journal.pone.0221146

**Bawah, A.A.**, Awoonor-Williams, J.K., Asuming, P.O., Jackson, E.F., Boyer, C.B., Kanmiki, E.W., et al.

(2019). The child survival impact of the Ghana Essential Health Interventions Program: A health systems strengthening plausibility trial in Northern Ghana. *PLoS ONE* 14(6): e0218025. https://doi.org/10.1371/journal.pone.0218025

**Bawah, A.A,**, Phillips, J.F., Walega, P., Wak, G., Asuming, .P and Oduro, A.R. (2019). Does the provision

of Community Health Services Offset the Effect of Poverty and Low Maternal Educational Attainment on Childhood Mortality? Evidence from the Navrongo Experiment in Northern Ghana.” *SS Population Health.* <https://doi.org/10.1016/j.ssmph.2018.100335>

**Bawah,** A.A. (2019). Getting the right message out, at the right time, to the right

audience.  *Journal of Global Health Science*. <https://doi.org/10.35500/jghs.2019.1.e4>

**Bawah, A.A.**, Asuming, P., Achana, F.S., Kanmiki, E.W., Awoonor-Williams, J.K. and Phillips, J.F.

(2019). Contraceptive use Intentions and Unmet need for Family Planning among Reproductive aged Women in Northern Ghana *BMC Reproductive Health.*DOI: 10.1186/s12978-019-0693-x

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**SUPERVISED STUDENTS**

**PhD students completed**

|  |  |
| --- | --- |
| **Name of student** | **Thesis title** |
| George P. Wak | Maternal Migration and Under-five Mortality in the Kassena-Nankana East Municipality and Kassena-Nankana West Districts of Ghana Ghana **(Co-Supervisor)** |
| Abubakri Sulemana | Relative Risk of Women Dying from Maternal, Infectious or Non-communicable causes in Kintampo, Ghana: A Competing Risks Analysis Ghana **(Co-Supervisor)** |
| Desmond Klu | Antenatal and Postnatal Health Services Uptake and Contraceptive use among Women in Ghana **(Co-Supervisor)** |
| Christian Naa Momo  Doris Ottie-Boakye  Kwamena Sekyi Dickson | Caesarean Section Deliveries in Ghana: Trends, Disparities and Influencing Factors **(Lead Supervisor)**  Social Protection Initiatives and Access to Quality Healthcare among Older Persons in Ghana – Evidence from Mampong Municipality **(Lead Supervisor)**  Estimating Childhood Mortality in Ghana: Does Using Direct and Indirect Methods Matter? **(Co-Supervisor) –** University of Cape Coast |

**PhD students currently being supervised**

|  |  |
| --- | --- |
| **Name** | **Thesis title** |
|  |  |
| Akua Dankwa Obeng-Dwamena | Alcohol Use and Mental Health in Ghana |
| Ernest Kekeli Bobo | Quality of Maternal Health Seeking Behaviour and Pregnancy Outcomes among young Women in Ghana |
| Dr. Stephen Apanga |  |
| Charles Agyei-Asabere |  |

**MA Students completed**

|  |  |
| --- | --- |
| **Name of student** | **Thesis title** |
|  |  |
| Sarah Mensah Asantewa | Household Headship and Child Survival in Ghana |
| Michael Foli | Household Characteristics and Maternal Mortality in Ghana |
|  |  |

**MA students being supervised**

|  |  |
| --- | --- |
| **Name** | **Thesis title** |
| Dorcas Kwarteng | Husband-Wife Decision Making Dynamics and Modern Contraceptives Method Use Type in Ghana (*Submitted*) |
|  |  |
|  |  |

**Students supervised at University of Ghana School of Public Health**

|  |  |  |
| --- | --- | --- |
| **Name and Index Number** | **Title of Dissertation** | **Year Completed** |
| Nafisatu Sulemana, School of Public Health  University of Ghana | Barriers to the use of contraceptives among married women in Paga, Upper East Region | 2015 |
| Elfreda Angangmwine Abudu  School of Public Health  University of Ghana | Prevalence of Stigma and Discrimination in People living with HIV and AIDS (PLWHA) in the Jaman South District of the Brong Ahafo region | 2015 |
| Dr Noah Lartey  School of Public Health  University of Ghana | Determinants Of Low Birth Weight In The Greater Accra Region Of Ghana | 2015 |
| Roseline Doe  School of Public Health  University of Ghana | Male partner involvement in maternity care in Ablekuma South District, Accra, Ghana | 2013 |
| Rita Ama Narlyn Wurapa  School of Public Health  University of Ghana | Birth Preparedness and Complication Readiness Among Pregnant Women in Hohoe Municipality | 2014 |
| Millicent Okletey  School of Public Health  University of Ghana | Family Planning Method Choice among Married Women in the Gomoa West District | 2012 |
| Rita Attoh-Okine  School of Public Health  University of Ghana | The of insecticide Treated Bed nets Among Pregnant Women Attending Antenatal Clinic at LEKMA Hospital | 2015 |
| Ameh Emmanuel Ogbada  School of Public Health  University of Ghana | Determinants of risky sexual behaviors among Senior High School Students in La Dade-Kotopon 2013 | 2014 |
| Sefe Phyllis Deladem  School of Public Health  University of Ghana | Use of long lasting Insecticide Bed net (LLIN) among pregnant women in Ga East Municipality of the Greater Accra Region | 2013 |
| John Israel | The role of sex education in sexual behavior of teenagers attending Senior High Schools in Legon Area, Accra | 2014 |