

CURRICULUM VITAE
Osman Wumpini Shamrock, PhD, MPhil
OsmanWumpini_Shamrock@UMRC.Rochester.edu
+1 (607)-761-8189

EDUCATION

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| Since 2022 | Postdoc | University of Rochester School of Nursing Area: HIV and Sexual Health Research |
| 2022 | PhD | State University of New York at Binghamton Major: Community Research and Action Sub-specialty: Health Disparities |
| 2017 | MPhil | Major: Development Studies Sub-specialty: Social and Health Disparities |
| 2013 | BA | University for Development Studies Major: Social and Development Administration |

AWARDS/SCHOLARSHIPS

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| 2021 | Provost Summer Doctoral Award, Binghamton University (\$4000), Binghamton University |
| 2020 | Provost Summer Doctoral Award, Binghamton University (\$4000), Binghamton University |
| 2019-2022 | Ph.D. Tuition Scholarship, College of Community & Public Affairs, Binghamton University |

EMPLOYMENT**A. Academic****A1. Research**

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| 2022- Date | Postdoctoral Research Associate, School of Nursing, University of Rochester, USA |
| 2019-2022 | Graduate Assistant, College of Community and Public Affairs, Binghamton University, USA |
| 2018 | Research Enumerator, Navrongo Health Research Center, Upper East Region, Ghana |
| 2018 | Research Enumerator, Department of Public Health, University of Ghana |
| 2017 | Research Coordinator, Three Stones Consulting Limited, Kigali Rwanda |
| 2016 | Research Assistant, University of Ghana, Department of Public Health. |
| 2014 | Research Enumerator, World Vision Ghana, Tamale. |

A2. Teaching

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| 2024 | Co-Instructor: NSG341.1- Past, Present, and Future of AIDS/HIV, University of Rochester, School of Nursing |
| 2023 | Co-Instructor: NSG 337 - Sexuality, Culture, and Health Fall 2023, University of Rochester, School of Nursing |
| 2022 | Co-Instructor: HDEV-480E-01 Environment Health, Law and Justice (Undergraduate Level), Binghamton University. |
| 2021-2022 | Co-Instructor: HDEV 100-01 The Study of Human Change (Undergraduate level), Binghamton University. |
| 2021 | Co-Instructor: HDEV 200-01 Introduction to Human Development, Binghamton University |
| 2020 | Co-Instructor: PAFF 521-01 Foundations of Public Service (Master's level), Binghamton University |
| 2019 | Co-Instructor: THEA 551-01 Introduction to Management/Leadership in Non-Profit (Master's level), Binghamton University. |
| 2013-2014 | Adjunct Lecturer, Tamale Technical University, Ghana |

B. Non-Academic

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| 2021 | Direct Support Professional, Community Options Inc, New York. |
| 2018-2019 | Principal Tutor, Ghana Education Service, Ghana. |
| 2015 | Project Officer, NORSAAC, Ghana. |

RESEARCH GRANTS OTHER SUPPORT

- 2024 **Title:** Investigating Sexual Health Meaning and Practice among Cisgender Men in New York State.
(PI: Natalie Leblanc, Paula Alio)
Role: Postdoctoral Researcher for PI
Sponsor: Gilead
- 2024 **Title:** The Sexual Health and Heavily Treatment Experiences of Black Female Long-time Survivors Living with HIV infection. (PI: Natalie Leblanc, Keosha Bond)
Role: Postdoctoral Researcher for PI
Sponsor: Gilead
- 2024 **Title:** Assaulted and Stigmatized: Promising Practices for Reducing Multiple Stigmas Among Black MSM Sexual Assault Survivors at Increased Exposure to HIV Risk (PI: Daniel Jacobson López).
Role: Research Assistant for PI
Sponsor: Center for Interdisciplinary Research on AIDS. Yale University
- 2024 **Title:** Multi-level intervention for intersectional stigma reduction to improve HIV outcomes for transgender women. (PI: Gamji Abu-Ba'are).
Role: Postdoctoral Researcher for PI
Sponsor: Fogarty International Center
- 2024 **The BHT Study: PrEP Pleasure and Sexual Health**
PrEP knowledge, preferences and initiation among Black and Hispanic/Latine transwomen in two US urban center.
(PI: Gamji Abu-Ba'are).
Role: Postdoctoral Researcher for PI
Sponsor: Gilead
- 2023 **Title:** Status-neutral community-based multilevel intervention to address intersectional stigma and increase HIV testing, PrEP, and ART uptake among Transwomen in Ghanaian Slums (PI: Gamji Abu-Ba'are).
Role: Postdoctoral Researcher for PI
Sponsor: NIH
- 2023 **Title:** Adaptability and feasibility of Many Men Many Voices (3MV), an HIV prevention intervention to reduce intersectional stigma and increase HIVST among YSMM residing in Ghanaian slums"
(PI: Gamji Abu-Ba'are).
Role: Postdoctoral Researcher for PI
Sponsor: NIH
- 2023 **Osman Wumpini Shamrock.,** Abu-Ba'are, G.R.
Title: A formative study to explore healthcare provider cultural competence and HIV-seeking behavior among transgender women in urban slum communities in Ghana.
Role: PI
Sponsor: Research Support Grant, University of Rochester, School of Nursing
Amount: \$5000
- 2022 **Osman Wumpini Shamrock**
Title: Disability, Religion and Work Among Vulnerable Populations: An Inquiry of Women Experiences and Perspectives.
Role: PI

Sponsor: Rosa Colecchio Travel Award for Dissertation Research Enhancement, Binghamton University

Amount: \$800

2021

Osman Wumpini Shamrock

Title: Disability, Religion and Work Among Vulnerable Populations: An Inquiry of Women Experiences and Perspectives.

Role: PI

Sponsor: Graduate School Travel Grant, The State University of New York at Binghamton Amount: \$1000

PUBLICATION

A.1 Published

1. Boyd, D. T., Martinez, O., Mammadli, T., **Shamrock, O. W.**, Abu-Ba'are, G. R., & Dyer, T. V. (2024). Intersecting Epidemics: Examining the Impact of Internalized Homophobia and Depression Symptoms on HIV Testing Through a Suicide Syndemic Among Young Black Men Who Have Sex with Men. *Journal of Racial and Ethnic Health Disparities*. <https://doi.org/10.1007/s40615-024-02225-4>
2. Reeves, J. M., Zigah, E. Y., **Shamrock, O. W.**, Khan, D., Batten, J., Abu-Ba'are, G. R., ... & Djiadeu, P. (2024). Exploring Facilitators and Barriers to STD/STI/HIV Self-Testing Among College Students in the United States: A Scoping Review. *Journal of Primary Care & Community Health*, 15, 21501319241291758.
3. **Shamrock, O. W.**, Abu-Ba'are, G. R., Zigah, E. Y., Apreku, A., Agbemedu, G. R. K., Boyd, D. T., Adjaka, G., & Nelson, L. E. (2023). Family rejection of non-hetero sexuality-Sexual orientation and behavior anonymity among sexual minority men in slum communities-BSGH 001. *PLOS Global Public Health*, 3(12), e0001659. <https://doi.org/10.1371/journal.pgph.0001659>
4. Reeves, J.M., Zigah, E.Y., **Shamrock, O.W.**, Aidoo-Frimpong, G., Dada, D., Batten, J., Abu-Ba'are, G.R., Nelson, L.E. and Djiadeu, P. (2023). Investigating the impact of stigma, accessibility and confidentiality on STI/STD/HIV self-testing among college students in the USA: protocol for a scoping review. *BMJ open*, 13(2), e069574.
5. Abu-Ba'are GR, **Shamrock OW**, Apreku A, et al. Awareness and Willingness to use Condoms and Preexposure Prophylaxis among Gay, Bisexual, and Other Cisgendered Men who Have sex with men in Slum Communities in Ghana. BSGH-004. *Journal of the International Association of Providers of AIDS Care (JIAPAC)*. 2023;22. doi:10.1177/23259582231209649
6. Zigah E, Abu-Ba'are G.R, **Shamrock O.W**, Apreku A, Agbemedu G. R. K, Boy'd D, Adjaka G, Nelson L. E. (2023). Even though it's far, for my safety and wellbeing, I always travel to seek health care in a distant facility" – The role of place and stigma in HIV testing decisions among GBMSM. BSGH-002 Health and Place.
7. **Shamrock, O. W.** (2022). *Disability, Religion and Work among Vulnerable Populations: An Inquiry of Women Experiences and Perspectives* (Doctoral dissertation, State University of New York).
8. **Shamrock, O. W.**, & Ginn, H. G. (2021). Disability and sexuality: Toward a focus on sexuality education in Ghana. *Sexuality and Disability*, 1-17. <https://doi.org/10.1007/s11195-021-09699-8>.
9. **Shamrock O. W**, Abu-Ba'are G.R, Zigah E, Dakpui H.D, Adjaka G, LeBlanc N.M, Alio A.P. Nelson L. E. (2023). Community stigma, victimization, and coping strategies among gay, bisexuals, and other cis-gender men who have sex with men in slum communities in Ghana. BSGH-003. *BMC Public Health*.

10. Abu-Ba'are G.R, Edem Yaw Zigah, **Shamrock O.W**, Dakpui H.D, George Rudolph Kofi Agbemedu, Natalie Leblanc, LaRon Nelson, Kwasi Torpey. (2023). A qualitative description of interpersonal HIV stigma and motivations for HIV testing among gays, bisexuals, and men who have sex with men in Ghana's slums - BSGH-005. PLOS ONE
11. Abu-Ba'are G.R, **Shamrock O.W**, Rodriguez D, George Rudolph Kofi Agbemedu, Nelson L.E. (2024). Adolescent HIV Prevent and Care Framework: A Global Scoping Review Protocol. PLOS One

A.2 Accepted Manuscripts

1. Henry Delali Dakpui, **Shamrock O.W.**, Gloria Aidoo-Frimpong et al. A qualitative description of HIV testing and healthcare experiences among trans women in Ghanaian urban slums BSGH-011, PLOS Global Public Health.
2. Abu-Ba'are, G. R., Hogarty, S., **Shamrock, O. W.**, Russell, H., Manchisi, K., Smtih, V., & Mericle, A. (2024). Investigating experiences of stigma and its impact on substance use recovery among residents of recovery residences in the United States: A scoping review protocol. BSGH020. PLOS One

A.3 Submitted Manuscripts

1. **Shamrock O. W.**, Abu-Ba'are GR, Fatemeh Sadat Hossein S.A, Guure, C., Nelson L. E., Wilton L., (2024) Characterization of HIV Peer Support Based on The Dennis Peer Support Model - Accounts from Transwomen in Ghana, BSHG-018. AIDS Care
2. **Shamrock O.W**, Sahil Hogarty, Fatemeh Sadat Hosseini, Charles Gagbe Nukunu, Gamji Rabiou Abu-Ba'are. (Long-acting injectable pre-exposure prophylaxis and antiretrovirals for HIV prevention and care: A global scoping review protocol BSGH 021. PLOS ONE
3. **Shamrock O.W**, Chris Guure, Jacquetta Reeves et al. A qualitative study of the ecology of stigma experiences - An application of the ecological model to stigma experiences of trans-women from Ghana. BSGH019. PLOS Global Public Health.
4. **Shamrock O. W** (2023). "I'm scared of them telling others people I am a transwoman": Disclosure and nondisclosure experiences of transwomen in Urban slums at health facilities – BSGH-007. BMC Women's Health
5. Abu-Ba'are, G.R., Torpey, K., Nelson, L., Conserve, D., Jeon, S., McMahon, J., Manu, A., Zigah, E.Y., **Shamrock, O.W.**, Apreku, A. and Dakpui, D.H., (2024). Adaptation and feasibility of Many Men Many Voices (3MV), an HIV prevention intervention to reduce intersectional stigma and increase HIVST among YSMM residing in Ghanaian slums—A clustered pre-post pilot trial protocol. BSGH-012. Pilot and Feasibility Studies.
6. Abu-Ba'are, G.R., Torpey, K., Guure, C., Nelson, L.E., Jeon, S., McMahon, J., Leblanc, N.M., **Shamrock, O.W.**, Zigah, E.Y., Apreku, A. and Dakpui, H.D., (2024). Status-neutral community-based multilevel intervention to address intersectional stigma and discrimination, and increase HIV testing, PrEP, and ART uptake among YGBMSM in Ghanaian Slums: A clustered randomized control trial protocol. Trials.
7. Abu-Ba'are, G.R., **Shamrock O.W.**, George Rudolph Kofi Agbemedu et al. Dakpui, H.D., (2024) "How will I know the results if I self-test at home?" – At-home HIV self-testing vs. at-clinic HIV testing preference among trans-women in Ghana's Slums. BSGH-015. BMJ Public Health

Manuscripts in progress

1. Abu-Ba'are G.R, Donte Boyd, **Shamrock O.W**, Dakpui D.H, Amina P. Alio. (2023). Correlates of religion, intersectional stigma, HIV disclosure, and ART adherence among HIV-positive Muslim gay, bisexual, and other men who have sex with men in Senegal. Journal of the International of the International AIDS Society (JIAS).

2. **Shamrock O. W.** & Ginn H. G. McGinley, J. (2021). Preventing and ameliorating sexual violence toward people with intellectual disability: Using the vulnerability approach to formulate a policy response in Ghana.
3. **Shamrock O. W.** (2023). A qualitative description of positive and negative experiences related to accessing HIV testing and care among transwomen in Ghanaian slums. BSGH-009

CONFERENCES, TRAINING, AND OTHER PRESENTATIONS

A. Conferences

1. **Shamrock, O. W.** (2023, October). The ecology of stigma experiences - An application of the ecological model to stigma experiences of transwomen from Ghana. BSGH014.AIDs, Munich, Germany.
2. **Shamrock, O. W.** (2023, October). HIV prevention options: Awareness and Willingness to use condoms and PrEP among gay, bisexual and other cisgender men who have sex with men in slum communities in Ghana. Association of Nurses in AIDs Care, New Orleans, USA
3. **Shamrock, O. W.** (2023, October). Exploring Stigma in Ghanaian slum communities: Perceptions and attitudes towards people living with HIV among GBMSM. Association of Nurses in AIDs Care, New Orleans, USA
4. **Shamrock, O. W.** (2023, March). Family Rejection of Sexuality – Sexual and Gender Anonymity Among Sexual Minority Men in Slum Communities. INTEREST, Maputo, Mozambique
5. **Shamrock, O. W.** (2021, Nov). Meaning of Labels: Implications for Inclusive Education for Persons with Disability in Ghana (online). Paper presented at Inclusive and Supportive Education Conference, University College of London. Center for Inclusive Education. London.
6. **Shamrock, O. W.** & Ginn, H. G. (2021, October). Ameliorating barriers to sex education for people with disabilities: The development of an inclusive policy response in a Ghanaian context. Paper presentation at the virtual conference of the American Public Health Association.

B. Invited Lectures/Presentations

1. Binghamton University (Advanced Health System and Public Policy). Topic-Evaluation of Ghana Health Care System and how individuals of different socio-economic groups utilize it in real life.

C. Facilitated Workshops/Training

- 2013 Ethics in Conducting Community-Based Research, University for Development Studies, Ghana.

D. Current and Past Projects

- 2018 Project for improving Community-based Primary Health Care through CHPS Strengthening (CHPS+) in Ghana' – KOICA CHPS+, 'Navrongo Health Research Center.
- 2018 Survey on Out-of-Pocket Payments of Insured Clients for the National Health Insurance Scheme. Research for Development Consortium, School of Public Health, University of Ghana.
- 2017 The Effects of Head Portage on Girl-Child Education in the Tamale Metropolitan Area of Ghana, University for Development Studies.

- 2016 Survey on Assessment of Enrolment of Indigents under the National Health Insurance Scheme in Ghana. For the Result for Development Consortium based at the University of Ghana School of Public Health.
- 2015 Life Choice and Livelihood Project, Norsaac, Ghana.
- 2014 Water Health and Sanitation Project, World Vision Ghana.
- 2013 The Socio-Economic Effects of Charcoal charring as a profession on Women at Gbanko in the Upper West Region of Ghana, University for Development Studies.

Professional Membership

- Since 2024 International AIDS Society, USA
- Since 2023 Association of Nurses in AIDs Care, USA
- Since 2022 Behavioral, Sexual, and Global Health Lab, USA
- Since 2022 Interdisciplinary Sexual Health and HIV Research Group, USA
- 2020-2021 American Public Health Association, USA
- 2019-2022 Graduate Students Employment Union, USA
- 2019-2022 Association of Development Administrators, Ghana
- 2019-2022 Graduate Students Organization, Ghana

Ad Hoc Reviewing

- 2024 HRB Open Research
- 2024 PLOS ONE
- 2021 BMJ Open

Professional Service

- 2024 Assistant Investigator. Protocol For Crystal Meth Use Needs Assessment Among Black Men Who Have Sex with Men In Rochester, Trillium Health Rochester. New York. USA
- 2024 Research committee member. ANAC2024 – Indianapolis. Abstract review committee. Association of Nurses in AIDs Care. USA