

MICHAEL KWESI BAAH

CONTACT INFORMATION

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Kwame Nkrumah University of Science and Technology, Ghana

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EDUCATION

2019 to Date	PhD	Pharmacognosy Kwame Nkrumah University of Science and Technology, Kumasi Ghana
2017 - 2019	MPhil	Pharmacognosy Kwame Nkrumah University of Science and Technology, Kumasi Ghana
2012 - 2016	BSc.	Herbal Medicine Kwame Nkrumah University of Science and Technology, Kumasi Ghana
2008 - 2012	WASSCE	General Science New Juaben Senior High School, Koforidua, Ghana

ACADEMIC APPOINTMENTS

2020 August - Date	Assistant Lecturer Department of Herbal Medicine Faculty of Pharmacy and Pharmaceutical Sciences Kwame Nkrumah University of Science and Technology, Kumasi Ghana
2019 — 2020	Part-Time Assistant Lecturer Department of Herbal Medicine Faculty of Pharmacy and Pharmaceutical Sciences Kwame Nkrumah University of Science and Technology, Kumasi Ghana

2017-2019

Demonstrator
Department of Pharmacognosy
Faculty of Pharmacy and Pharmaceutical
Sciences
**Kwame Nkrumah University of Science and
Technology, Kumasi Ghana**

2016 - 2017

Teaching Assistant
Department of Herbal Medicine
Faculty of Pharmacy and Pharmaceutical
Sciences
**Kwame Nkrumah University of Science and
Technology, Kumasi Ghana**

RESEARCH INTEREST

Clinical trial and efficacy testing of herbal products
Quality control and standardization of herbal products
Socio-cultural aspect of herbal medicine research
Plant products with antiparasitic, antimicrobial and antidiabetic activities
Ethnopharmacology

AREA OF SPECIALTY

Development of herbal monographs
Quality control and standardization of herbal Products
Phytochemistry (Isolation and Characterization of Natural Products)
Metabolite Profiling
Bioassays of Plant products

PROFESSIONAL ACTIVITIES (SERVICE)

University Community

2020 - Date

Member, Tracer Committee, College of Health Sciences.

MEMBERSHIP OF PROFESSIONAL ORGANISATIONS

2020	Member , University Teachers Association of Ghana (UTAG)
2020	Member , Ghana Association of Medical Herbalists (GAMH).
2016	Member , Society of Medicinal Plants and Natural Products research

REFEREED JOURNAL PUBLICATIONS

1. Ramos, G.F., Amponsah, I.K., Harley, B.K., Jibira, Y., **Baah, M.K.**, Adjei, S., Armah, F.A. and Mensah, A.Y. (2021). Triterpenoids mediate the antimicrobial, antioxidant, and anti-inflammatory activities of the stem bark of *Reissantia indica*. *Journal of Applied Pharmaceutical Science*, 11(05), pp.039-048.
2. Harley, B.K., Amponsah, I.K., Ben, I.O., Adongo, D.W., Mireku-Gyimah, N.A., **Baah, M.K.**, Mensah, A.Y. and Fleischer, T.C. (2021). *Myrianthus libericus*: Possible mechanisms of hypoglycaemic action and in silico prediction of pharmacokinetics and toxicity profile of its bioactive metabolite, friedelan-3-one. *Biomedicine & Pharmacotherapy*, 137, p.111379.
3. Sokpe, A., Mensah, M.L., Koffuor, G.A., Thomford, K.P., Arthur, R., Jibira, Y., **Baah, M.K.**, Adedi, B. and Agbemenyah, H.Y. (2020). Hypotensive and Antihypertensive Properties and Safety for Use of *Annona muricata* and *Persea americana* and Their Combination Products. *Evidence-Based Complementary and Alternative Medicine*, 2020.
4. Adjei, S., Entsua-Mensah, P., Amponsah, I.K., **Baah, M.K.**, Kwakye, N.A.A. and Addae-Kyereme, N.Y.K. (2020). Pharmacognostic and physicochemical studies of the leaves of *Hoslundia opposita* Vahl (Lamiaceae). *Journal of Pharmacognosy and Phytochemistry*, 9(5), pp.2996-3001.
5. **Baah, M.K.**, Mensah, A.Y., Asante-Kwatia, E., Amponsah, I.K., Forkuo, A.D., Harley, B.K. and Adjei, S. (2020). *In vivo* antiplasmodial activity of different solvent extracts of *Myrianthus libericus* stem bark and its constituents in *Plasmodium berghei*-infected mice. *Evidence-Based Complementary and Alternative Medicine*, 2020.
6. Yamoah, A., Adosraku, R. K., Amenu, J. D., **Baah, M. K.** and Abaye, D. A. (2020). Evaluation of the haematinic activities of extracts of *Justicia secunda* Vahl leaves in red blood cells of laboratory rats. *Journal of Biosciences and Medicines*, 8(3), pp.48-57.
7. Boateng, A., Adu, J. K. and **Baah, M. K.** (2019). Investigation of antimicrobial and antioxidant properties of extracts of the stem bark of *Drypetes floribunda* (Euphorbiaceae). *Investigational Medicinal Chemistry and Pharmacology*, 2(2), p.32
8. Mireku, E. A., Mensah, A. Y., Amponsah, I. K., Danquah, C. A., Anokwah, D. and **Baah, M. K.** (2018). Antimicrobial pentacyclic triterpenes and glycosides from the stem bark of *Cussonia bancoensis*. *Natural product research*, 34(6), pp.859-862.

REFEREED RESEARCH PRESENTATIONS: ABSTRACTS

1. **Baah, M.K.**, Mensah, A.Y., Asante-Kwatia, E., Amponsah, I.K., Forkuo, A.D., Harley, B.K. and Adjei, S. (2020). *In vivo* antiplasmodial activity of different solvent extracts of *Myrianthus libericus* stem bark and its constituents in *Plasmodium berghei*-infected mice. Oral presentation at Pharmacy graduate student's week celebration under the theme: 'research and development-the role of the pharmaceutical scientists'

WORKSHOPS/CONFERENCES/TRAINING PROGRAMMES ATTENDED

1. Workshop for Preceptors for Training of Herbal Medicine Students at the Faculty of Pharmacy and Pharmaceutical Sciences (FPPS), Kumasi, Ghana on 15th July 2021.
2. Workshop for newly appointed Laboratory Technicians of the Faculty of Pharmacy and Pharmaceutical Sciences (FFPS) at FPPS, Kumasi, Ghana on 29th – 30th March 2021. I was a reporter.

STUDENT TRAINING/MENTORING *

UNDERGRADUATE HONORS THESIS STUDENT

☐ Ofori Elsie Akonai	Main supervisor	2020 to present
☐ Dode Xornam	Main supervisor	2020 to present
☐ Amoadu Robert	Main supervisor	2020 to present
☐ Oppong Appiah-Kubi	Main supervisor	2020 to present

SELECTED TEACHING EXPERIENCE

KWAME NKUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

Faculty of Pharmacy & Pharmaceutical sciences

Undergraduate

BHM 251: Nutrition, Health & Healthy Foods	2020-present
BHM 371: Poisons of Natural origin	2020-present
BHM 375: Crude Drug Evaluation	2020-present
BHM 354: Complementary medicine	2020-present
BHM 453: Phytotherapy III	2020-present
Pharm 172: Introductory Pharmacognosy	2020-present
Pharm 272: Phytochemistry	2020-present

Pharm 373: Natural Drug Production and Evaluation	2020-present
Pharm 471: Phytopharmaceuticals and poisons	2020-present
Pharm 473: Traditional medicine	2020-present
Pharm 171: Plant Morphology	2020-present
Pharm 271: Phytochemistry	2020-present

TECHNICAL SKILLS

- Statistical and related software: Graph Pad Prism and SPSS
- Microsoft office suite and ChemDraw
- Computer languages: HTML, CSS, JavaScript and PHP

Referee

Available on request