**DR. MRS BRUCE, STELLA OMOKHEFE**

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**PERSONAL DETAILS**

**Session:** 2020/2021

**Staff No:** SS 3217

**Birth Place/Date:** Port Harcourt/2nd February, 1985

**Nationality:**  Nigerian

**Marital Status:** Married

**Language Spoken:** English

**Office address:** Department of Pharmacognosy and Traditional Medicine, Faculty of Pharmaceutical Sciences, Nnamdi Azikiwe University Awka, PMB 02005 Agulu. Anambra State. Nigeria.

**Google Scholar ID:** <https://scholar.google.com/citations?user=vkTzq3MAAAAJ&hl=en>

**ORCID Number/Link:** <https://orcid.org/0000-0002-0049-6195>

**Researchgate ID:** https://www.researchgate.net/profile/Stella-Bruce

**POST AND DATES**

**Date of Appointment:** 27thJune, 2014

**Date of Resumption of Duty:** 17thJuly, 2014

**Date of Confirmation of Appointment:** 17thJuly, 2016

**Substantive Rank/Date:** Lecturer II / 21st April, 2017

**Rank to which Promotion is sought:** Lecturer I

**Faculty:** Faculty of Pharmaceutical Sciences

**Department:** Pharmacognosy and Traditional Med.

**ACADEMIC QUALIFICATIONS WITH INSTITUTION ATTENDED AND DATE**

1. **Education**

* Doctor of Philosophy (Ph.D.) April, 2021

Nnamdi Azikiwe University, Awka. Nigeria

* Doctor of Pharmacy (Pharm. D) **April, 2019**

University of Benin, Benin City, Nigeria

* Master of Pharmacy (M. Pharm) **October, 2016**

Nnamdi Azikiwe University, Awka. Nigeria

* Bachelor of Pharmacy (B. Pharm) **December, 2011**

Igbinedion University Okada, Edo State, Nigeria

* Diploma in (Applied Microbiology) **December, 2004**

University of Benin, Benin City, Nigeria

* West African Examination Council Certificate **June, 2001**

Our Lady of Fatima College Creek Road, Port Harcourt

* First School Leaving Certificate **September,1995**

Police Children School Port Harcourt. Nigeria

1. **TRAINING/COURSES ATTENDED**

Training on Challenges and Opportunities in Advancing the Pharma sector in Nigeria: Lessons from the COVID-19 Pandemic, National Association of Pharmacists in Academics **(NAPA),**  held in Faculty of Pharmaceutical Sciences, University of Nigeria Nsukka. Nigeria.

**(August, 2021)**

Training on Basic to Advance Molecular Techniques Workshop (Molecular Research Foundation for Students and Scientists), held in Chisco Research Building, Nnamdi Azikiwe University Awka.

**(30th June-2nd July, 2021)**

Training on q-PCR in Malaria Research (Molecular Research Foundation for Students and Scientists), Free Webinar.

**(16th June, 2021)**

Training on online search for healthcare literature using Research4life Access, Advance Hinari use, Citation and Referencing: use of Reference management software, Systemic review and Meta-analysis, held in Faculty of Pharmaceutical Sciences, Nnamdi Azikiwe University Awka.

**(May, 2021)**

Training on Mainstreaming Herbal Medicine into 21st Century Healthcare System in Nigeria, 31st AGM and 15th scientific conference, The Nigerian Society of Pharmacognosy, held in Faculty of Pharmaceutical Sciences, University of Jos, Jos. Nigeria

**(24th- 26th March, 2021)**

Training on Purposeful Pharmaceutical Research and National Development (NAPA), held in Faculty of Pharmaceutical Sciences, University of Nigeria, Nsukka. Nigeria.

**(24th-26th August, 2020)**

Training on Innovations in Pharmaceutical Industry and Life Sciences: The path to improved health and well-being, held in Faculty of Pharmaceutical Sciences, University of Nigeria, Nsukka. Nigeria.

**(1st-5th March, 2020)**

Training on Innovative Disruption in Pharmaceutical Teaching and Research, held in National Institute for Pharmaceutical Research and Development (NIPRD), Abuja. Nigeria.

**(25th-30th August 2019)**

Training on Scientific Writing Workshop (Molecular Research Foundation for Students and Scientists), held in National Agency for Food and Drug Administration and Control (NAFDAC), Anambra state. Nigeria.

**(3rd October, 2018)**

Training on Innovation Disruption in Pharmacy in Emerging Economics: A Roadmap for Nigeria, 91st PSN Annual National Conference Ibadan, Pharmaceutical Society of Nigeria, held in Oyo State, Nigeria.

(30th October- 3rd November, 2018)

Training on Innovative Disruption in Pharmaceutical Teaching and Research (NAPA), held in National Institute for Pharmaceutical Research and Development (NIPRD), Abuja. Nigeria.

**(12th-16th August, 2018)**

Training on Sustainable Health Using Natural Products: Sourcing and Effects on the Environment (The Nigerian Society of Pharmacognosy), held in University of Port-Harcourt.

**(8th-11th May, 2018)**

West Africa Postgraduate College of Pharmacy Part 2, held in University of Benin. Benin City. Nigeria.

**(May, 2017)**

West Africa Postgraduate College of Pharmacy Part 2, held in University of Benin. Benin City. Nigeria.

**(July, 2016)**

West Africa Postgraduate College of Pharmacy Part 2, held in University of Benin. Benin City. Nigeria.

**(May, 2016)**

Training on Programme Workshop for Biomedical and Pharmaceutical Sciences, held in Faculty of Pharmaceutical Sciences, Nnamdi Azikiwe University, Awka. Nigeria.

**(25th-27th Feb, 2015)**

**WORKING EXPERIENCE**

1. **Lecturer II (April 2017- till date)**

**NNAMDI AZIKIWE UNIVERSITY, AWKA**

Department of Pharmacognosy and Traditional Medicine,

Faculty of Pharmaceutical Sciences, Agulu

1. **Pharmacist II (June 2014- April -2017)**

**HEAD OF PHARMACY UNIT**

**NNAMDI AZIKIWE UNIVERSITY, AWKA**

Medical centre annex, Faculty of Pharmaceutical Sci, Agulu.

1. **NYSC Pharmacist (March 2013/Feb 14)**

**MILITARY HOSPITAL**

Port Harcourt, Rivers state. NYSC

1. **Intern Pharmacist (March 2012/Feb 13)**

**BRAITHWAITE MEMORIAL SPECIALIST HOSPITAL**

Port Harcourt, Rivers state.

**CURRENT RESEARCH INTERESTS**

* Phytopharmacology
* Natural Products research
* Herbal Medicine
* Biotechnology
* Molecular Biology
* Nanomedicine
* Pharmaceutical research
* Bioinformatics

**CREATIVE OUTPUT**

1. **BOOK CHAPTER**

**Stella O. Bruce** and Felix A. Onyegbule (May 28th 2021). **Biosynthesis of Natural Products** [Online First], IntechOpen, DOI: 10.5772/intechopen.97660. Available from: <https://www.intechopen.com/online-first/biosynthesis-of-natural-products>

**B) SCIENTIFIC PAPER PUBLISHED**

1. Onyegbule F.A., **Bruce S.O**., Onyekwe O.N., Onyealisi O.L. and Okoye P.C.  *Evaluation of the in vivo antiplasmodial activity of ethanol leaf extract and fractions of Jatropha gossypifolia in Plasmodium berghei infected mice*. Journal of Medicinal Plant Research, 2019; Vol. 13(11), pp. 269-279
2. **Bruce S.O**., Onyegbule F.A., Ihekwereme C.P. *Evaluation of hepato-protective and anti-microbial activities of ethanol extracts and fractions of Picralima nitida seed and pod*. Journal of Phytomedicine and Therapeutic 2016; 1(2): 1 – 21.
3. **Bruce S.O**, Onyegbule F.A, Ezugwu C.O. *Pharmacognostic, physicochemical and phytochemical evaluation of the leaves of Fadogia cienkowskii Schweinf* (Rubiaceae). Journal of Pharmacognosy and Phytotherapy. Vol. 11(3), pp. 52-60, October, 2019. DOI: 10.5897/JPP2019.0552.
4. Onyegbule F.A., Okoli O.G., **Bruce S.O**. "In vivo Evaluation of the Antimalarial Activity of the Aqueous Ethanol Extract of Monodora myristica Seed in Albino Mice", International Journal of Science and Research (IJSR), Volume 8 Issue 6, June 2019, 1530 – 1538
5. Okoye V.O., **Bruce S.O**. and Onyegbule F.A. *Phytochemical screening and pharmacognostic properties of Peuraria phaseoloides leaves (roxb) benth. (fabaceae)*. International Journal of Public Health, Pharmacy and Pharmacology, 2020; 5(2)11-24.
6. Ihekwereme C. P., **Bruce S. O**., Orji C. E., Ibe C. I. and Iloh E. *Aqueous extracts of Ocimum gratissimum and Anacardium occidentale synergises in anti-diarrhoeal property*. International Journal of Modern Pharmaceutical Research (IJMR), 2020; 4(4): 06-11.
7. **Bruce S. O.,** Onyemailu V. O. and Orji C. E. *Evaluation of The Antiulcer Activity And Gc-Ms Spectroscopic Analysis Of The Crude Ethanolic Extract Of Peuraria Phaseoloide Leaf (Roxb) Benth.* *(FABACEAE).* World Journal of Pharmaceutical Research. 2021; 10(7):39-59.
8. Onyemailu V. O., **Bruce S.O** and Iloh E. S. *UV-Visible And FTIR Spectroscopic Analysis Of The Crude Ethanolic Extract Of Peuraria Phaseoloide Leaf (Roxb) Benth. (FABACEAE).* International Journal of Modern Pharmaceutical Research. 2021; 5(3): 148-153.
9. **Stella O. Bruce**, Felix A. Onyegbule, Christopher O. Ezugwu, Ifeoma D. Nweke, Chioma R. Ezenwelu, Felix I. Nwafor. *Chemical Composition, Hepatoprotective and Antioxidant Activity of the Crude Extract and Fractions of the Leaves of Fadogia Cienkowskii Schweinf (Rubiaceae)*. Tropical Journal of Natural Product Research. 2021; 5(4):720-731.
10. Okoye V.O., **Bruce S.O**. and Onyegbule F.A. *Phytochemical screening and pharmacognostic properties of Peuraria phaseoloides leaves (roxb) benth. (fabaceae)*. International Journal of Public Health, Pharmacy and Pharmacology, 2020; 5(2)11-24.
11. Felix A. Onyegbule., Chidinma J. Ezenwa., **Stella O. Bruce.**, Blessing O. Umeokoli. S*tandardization, chemical composition and antipyretic evaluation of methanol leaf extract and fractions of chrysophyllum albidum* (Sapotaceae). Tropical Journal of Natural Product Research 2020; 4(6): 216-222.
12. **Bruce S. O**., Usifoh S. F., Nduka S. O., Anetoh M. U., Isidienu C. P. *A retrospective study of antimalarial drug utilization in a secondary healthcare institution in Nigeria*. World Journal of Pharmaceutical Research,. 2019; 8(13): 271-281.
13. Bruce S.O, Ugwu R.N, Onu J.N, Iloh E.S, Onwunyili A.R.Pharmacognostic, Antimicrobial and hepatoprotective activities of the sub-fractions of Picralima nitida (Durand and Hook) (APOCYNACEAE) seeds. World J Pharm Sci. 2021; 9(8): 77-91
14. **CONFERENCE PAPERS/ABSTRACTS**

**2021**

1. **Bruce S.O**, Onyegbule F.A., Ezugwu C.O.*Pharmacognostic, hepatoprotective and GC-MS findings of the leaves of Fadogia cienkowskii Schweinf (Rubiaceae)*, NSO2021/0104. Conference Paper, 31st AGM and 15th Scientific Conference (Virtual) Nigerian Society of Pharmacognosy (NSP), held in Faculty of Pharmaceutical Sciences, University of Jos, Jos. Nigeria. 24th-26th March, 2021.
2. **Bruce S. O,** and Nwafor O.I. Evaluation of antiulcer and constituents of aqueous seed extract and oil of Nigella sativa L (Ranunculaceae) in wistar rats. NAPA2021-054. PP 76. Conference paper, 19TH NAPA National Scientific Conference, held in Faculty of Pharmaceutical Sciences, University of Nigeria Nsukka. Nigeria. 16th-20th August, 2021.

**2020**

1. **Stella Omokhefe Bruce**, Felix Ahamefule Onyegbule and Kasie Vitus Okolo. *Antihelmintic potential of the root extract of Albizia adianthifolia (SCHUMACH) W. WIGHT (MIMOSACEAE)*. PP 154. Conference paper, 1st International Conference on Pharmaceutical Science and Industry, Nsukka. Nigeria. 1st-5th March, 2020
2. **Bruce S.O**, Onyegbule F.A., Ezugwu C.O. *Evaluation of the hepatoprotective and antioxidative activities of the sub-fractions of Fadogia cienkowskii (Rubiaceae) leaves*. PP 153. Conference paper, 1st International Conference on Pharmaceutical Science and Industry, Nsukka. Nigeria. 1st-5th March, 2020
3. **Bruce S.O**, Onyegbule F.A., Ezugwu C.O. *Antimicrobial and hepatoprotective activities of the sub-fractions of Picralima nitida (T and H Durand (Stapf) (Apocynaceae) seed.* PP 103. Conference paper, 18th National Scientific Conference, Nigeria Association of Pharmacists in Academia (NAPA), University of Nigeria, Nsukka 24 -26 August, 2020

**2019**

1. Onyegbule. F.A., **Bruce S.O**., Osuji. C.L. and Uzoabaka T.C. *Phytochemical evaluation and anti-diabetic activity of the leaves of Ipomoea asarifolia (Convolvulaceae).*Conference paper, 17th National Scientific Conference. Nigerian Association of Pharmacists in Academia held in Abuja. 25-30th August, 2019.

**2018**

1. F.A Onyegbule., N.E Egba., C.C Abba., S.O Bruce., B.O Umeokoli. *Pharmacognostic and in vitro antimicrobial evaluation of the sub-fractions of the ethyl acetate fraction of the methanol leaf extract of anthocleista djalonensis.*PP 19. Conference paper, The 30th Annual General Meeting and 14th Scientific Conference of the Nigerian Society of Pharmacognosy held at University of Portharcourt, 8th-11th May, 2018.
2. F.A Onyegbule., N.E Egba., C.C Abba., S.O Bruce., B.O Umeokoli. *Evaluation of the antimicrobial and gastrointestinal stimulant properties of the seed of Alchornea laxiflora.* PP 55. Conference paper, The 30th Annual General Meeting and 14th Scientific Conference of the Nigerian Society of Pharmacognosy held at University of Portharcourt, 8th-11th May, 2018.

**HONOURS/AWARDS/SCHOLARSHIPS**

**Distinction in Phytopharmacology**

Department of Pharmacognosy and Traditional Medicine, Faculty of Pharmaceutical Sciences, Nnamdi Azikiwe University, Awka. Nigeria.

Nnamdi Azikiwe University Sponsorship for the 16th National Scientific Conference of the Nigerian Association of Pharmacists in Academia, Abuja, from 12th August- 16th August, 2018.

Nnamdi Azikiwe University Sponsorship for the 17th National Scientific Conference of the Nigerian Association of Pharmacists in Academia, Abuja, from 25th August- 30th August, 2019.

Nnamdi Azikiwe University Sponsorship for the Special Doctor of Pharmacy Programme, University of Benin. Benin City. 2019.

**PROFESSIONAL BODIES/SOCIETIES MEMBERSHIP**

**Member:** Pharmaceutical Society of Nigeria **(PSN)**

**Member:** National Association of Pharmacists in Academics **(NAPA)**

**Member:** The Nigerian Society of Pharmacognosy **(NSP)**

**Member:** Nnamdi Azikiwe University Research Cluster

**Member:** International Pharmaceutical Federation **(FIP)**

**Faculty Rep:** Organization for Women in Science for the Developing World (**OWSD**) UNIZIK

Chapter

**ADMINISTRATIVE POSITIONS HELD**

**Head of Pharmacy Unit (2014-2017)**

Medical Centre Annex

Faculty of Pharmaceutical Sciences, Agulu.

Nnamdi Azikiwe University, Awka.

**CONTRIBUTION TO UNIVERSITY/SOCIETY**

**2021**

**\*Faculty Rep:** Organization for Women in Science for the Developing World (**OWSD**) UNIZIK Chapter

**\*Secretary:** Disciplinary committee and Exam Malpractice of the Faculty of Pharmaceutical Sciences, Nnamdi Azikiwe University, Awka.

**\*Member:** Academic Staff Union of University, Nnamdi Azikiwe University, Awka Chapter (ASUU-NAU) Electoral Committee.

**\*Treasurer:** Nigerian Association of Pharmacists in Academia, Nnamdi Azikiwe University, Awka Chapter.

**2020**

**\*Pharmacist**, Gilead Medical Outreach, Living Faith Church (Winners) Awka, Anambra State.

**2019**

**\*Ward Collation Officer (INEC), Amesi Ward,** Aguata Local Government Area, Anambra State, State House of Assembly Election (2019 general elections).

**\*Ward Collation Officer (INEC), Akwukwu Ward,** Idemili South Local Government Area, Anambra State, Presidential and National Assembly Elections (2019 general elections).

**\*Pharmacist**, Gilead Medical Outreach, Living Faith Church (Winners) Awka, Anambra State (2019)

**\*Member:** Disciplinary committee and Exam Malpractice of the Faculty of Pharmaceutical Sciences, Nnamdi Azikiwe University, Awka. (2019).

**\*Member (Sports Committee- Scrabble game)** Faculty of Pharmaceutical Sciences, Nnamdi Azikiwe University, Awka (2019)

**\*Member:**  2nd and 3rd Oath-Taking/Induction Committee of the Faculty of Pharmaceutical Sciences, Nnamdi Azikiwe University, Awka, 2014/2015, 2015/2016 and 2017/2018 Academic Session.

**\*Member:** Examination/Time table Committee of the Faculty of Pharmaceutical Sciences, Nnamdi Azikiwe University, Awka, 2014/2015, 2015/2016 and 2017/2018 Academic Session.

**POST HELD**

Head of Unit, Medical centre annex,

Faculty of Pharmaceutical Sciences, Agulu. **(2014-2017)**

Class Representative:

College of Pharmacy, Igbinedion University Okada. **(2005-2011)**

PANS Electoral Chairman

Pharmacy Association of Nigerian Students IUO chapter **(2007)**

**QUALITY OF TEACHING**

**Selected Courses Taught at Undergraduate level**

Introductory Pharmacognosy (PCG 221), Indigenous Medicinal Plants (PCG 222), Practical Pharmacognosy I (PCG 224), Natural Products (PCG 321), Practical Pharmacognosy II (PCG 323), Phyto-Evaluation (PCG 421), Practical Phyto-Evaluation (PCG 422), Herbal Complementary and Alternative Medicine (PCG 521).

**COMMUNITY SERVICES**

**Pharmacist**, Gilead Medical Outreach, Living Faith Church (Winners Chapel) Awka, Anambra State (2020)

**Pharmacist**, Gilead Medical Outreach, Living Faith Church (Winners Chapel) Awka, Anambra State (2019)

**COMPUTER SKILLS:** Intro Computer Tech, Word Processing, Pure Graphics, Spreadsheet Cycle, DataBase Management System, Proficient in MS Word, MS Excel, MS PowerPoint.

**HOBBIES:** Reading of academic materials, Travelling, listening to news, playing scrabble, swimming.

**JOURNAL REVIEWER**

Academic Journals (AJ)

African Journal of Pharmacy and Pharmacology

Scientific Research and Essays

African Journal of Biochemistry Research

African Journal of Biotechnology

[European Journal of Medicinal Plants](http://sciencedomain.org/journal/13)

Asian Journal of Research in Infectious Diseases

[Asian Journal of Research in Biochemistry](http://www.sciencedomain.org/journal/71)

**REFEREES**

**Prof. Ikemefuna Uzochukwu**

Department of Pharmaceutical and Medicinal Chemistry,

Faculty of Pharmaceutical Sciences,

Nnamdi Azikiwe University, Awka.

Anambra State.

Nigeria.

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**Dr. Fred Anowi**

Department of Pharmacognosy and Traditional Medicine,

Faculty of Pharmaceutical Sciences,

Anambra State, Nigeria.

Nnamdi Azikiwe University, Awka.

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**Dr Felix .A Onyegbule**

(Reader)

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Nnamdi Azikiwe University, Awka.

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