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Arizona State University
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Education: **Arizona State University**, Tempe, AZ (Aug 2023 – present)

Ph.D. student in Chemistry

Advisor: Gary F. Moore

University of Nigeria, Nsukka, Nigeria (2018 – 2023)

M.S. in Organic Chemistry

Advisor: Prof. Mrs M. A. Ezeokonkwo

University of Nigeria, Nsukka, Nigeria (2009 – 2013)

B.S. in Pure and Industrial Chemistry

Advisor: Prof. P. M. Ejikeme

Internships: **Me-Lux Paint Industry**, Umuahia, Abia State Nigeria (Jun 2011 – Sept 2011)

Fellowships and Awards:

(1) Teaching Excellence Award (TEA)(GPSA) (2024)

Invited Presentations

(1) *Breaking Barriers in Science* - ICT Research Tools. Guest Speaker. **IUPAC Women's Breakfast Meeting of Women in Chemistry (WIC)**, University of Nigeria, Nsukka. February, 2023. (Invited Speaker)

Conference Presentations

(8) Ibeanu, F. N.; Attah, S. I.; Ezeokonkwo, M. A.; Ikediwa, E.; Ukwueze, N. N.; Ekromne, V. G.; Emehelu, D. A.; Nwabichie, M. I. Green Synthesis of New Sulphonamide Derivatives. **Third Virtual International Conference of Organic Synthesis/Medicinal Chemistry (OSMC)**, University of Nigeria, Nsukka, June 2022 (Virtual Presentation).

- (7) Ezeokonkwo, M. A.; Ibeanu, F. N.; Attah, S. I.; Ikediwa, E.; Oleka, P. I.; Asuzu, I. B.; Obinwa, C. C.; Igwilo, A. O. Synthesis of New Sulphonamides under Solvent-free condition. **Third Virtual International Conference of Organic Synthesis/Medicinal Chemistry (OSMC), University of Nigeria, Nsukka**, June 2022 (Virtual Presentation).
- (6) Ikediwa, E.; Ezeokonkwo, M. A. Synthesis and Characterization of 2-Aminothiazole Derivatives and their Virtual Screening Against Selected Biological Targets. **Department of pure and Industrial Chemistry, University of Nigeria, Nsukka**, August 2021.
- (5) Ibeanu, F. N.; Attah, S. I.; Ezeokonkwo, M. A.; Ikediwa, E.; Ugoala, V. F.; Emeto, C. J.; Imoagwu, S. C.; Ugwuanyi, C. V. Facile Synthesis of Sulphonamides via the Reductive Amination of Various Schiff Base Intermediates. **18th Biennial Conference of Coal City Chem 2021, titled, The Role of Chemistry in Mitigating Covid-19 and Other Diseases.**, August 2021.
- (4) Ezeokonkwo, M. A.; Ibeanu, F. N.; Attah, S. I.; Ikediwa, E.; Kalu, A. J.; Zacharia, L. G.; John, E. C.; Kalu, V. P. Eco-Friendly Synthesis and Characterization of Novel N, N-Disubstituted Benzene Sulphonamides. **18th Biennial Conference of Coal City Chem 2021, titled, The Role of Chemistry in Mitigating Covid-19 and Other Diseases.**, August 2021.
- (3) Ikediwa, E.; Ezeokonkwo, M. A.; Ibeanu, F. N.; Eze, C. C.; Okonkwo, V. I.; Okenyeka, O. U; Atta, S. I. Eco-friendly Synthesis and In-silico Studies of New Betti Bases. **International Virtual Conference of Organic Synthesis/Medicinal Chemistry (OSMC), titled, Roadmap to Drug Discovery from Synthesis and Natural Products**, August 2020 (Virtual Presentation).
- (2) Ibeanu, F. N.; Ezeokonkwo, M. A.; Attah, S. I.; Ikediwa, E.; Ugwu, O.; Ukwueze, N. N.; Ugwuoke, P.; Ugwu, T. C. Catalyst Promoted One-Pot Approach for the Synthesis of Betti Bases in Solvent-free Medium. **2nd Biennial General Meeting/Scientific Conference of the Organization for Women in Science for Developing World (OWSD) (UNN CHAPTER)** University of Nigeria, Nsukka, September 2019
- (1) Ezeokonkwo, M. A.; Ibeanu, F. N.; Attah, S. I.; Ikediwa, E.; Iyidiobi, C. A.; Okonkwo, V.; Ihekuna, M. I.; Igwe, E. C. Eco-friendly One-Pot Three-Component Synthesis of New Betti Bases via Solvent-free Method. **2nd Biennial General Meeting/Scientific Conference of the Organization for Women in Science for Developing World (OWSD) (UNN CHAPTER)** University of Nigeria, Nsukka, September 2019

Attended Workshops

- (1) **SYNTHETIC ORGANIC AND MEDICINAL CHEMISTRY GROUP, UNN.** Workshop on “Computer Aided Drug Design and its Application to Drug Discovery”, Pure and Industrial Chemistry, UNN. August 2019.

Teaching Experience

- (1) Arizona State University, Tempe, Arizona (2023–2024)
Graduate Teaching Assistant
- i. CHM 237 General Organic Chemistry Laboratory I
 - ii. CHM 238 General Organic Chemistry Laboratory II
 - iii. CHM 233 General Organic Chemistry I
 - iv. CHM 234 General Organic Chemistry II
- (2) The Teacher Academy, Nsukka, Enugu State, Nigeria (2017 - 2023)
- i. O’level Chemistry for Higher Secondary School
 - ii. O’level Physics for Higher Secondary School
 - iii. O’level Mathematics for both Higher and Junior Secondary School
- (3) Seed of Grace International College, Ado-Ekiti, Nigeria (2015-2016)
- i. O’level Chemistry for Higher Secondary School
 - ii. Basic Science for Junior Secondary School
- (4) Community Secondary Commercial School, Odio, Eket, Nigeria (2014-2015)
- i. O’level Chemistry for Higher Secondary School

Outreach Activities

- (2) Funded PhD Program in the US (virtual), Tempe, AZ (2024)
- (1) HIV/AIDS and breast cancer awareness program (Peer Educator Trainer) Nigeria (2014-2015).