

A. Personal Data:

1. Full Name (Surname first): Oladele Tolulope Samuel
2. Date of Birth: February 18
3. Details of Contact Address
 - a. E-mail Addresses: toladele@unimed.edu.ng; tolulanguyz@gmail.com
 - b. Mobile Phone Number: +2348062911270
4. Nationality: Nigeria
5. State of Origin: Ondo
6. Local Government Area: Owo
7. Marital Status: Single
8. Next of Kin: Oladele Oluwaseun Ruth
9. Details of Contact Address of Next of Kin
 - a. E-mail Address: ooluwaseun@gmail.com
 - b. Mobile Phone Number: +2348034878349
10. Date of Assumption of Duty: January-17-2022
11. Rank/Status of First Appointment: Graduate Assistant
12. Present Status: Graduate Assistant
13. Date of Last Promotion: October, 2023
14. Date of Confirmation of Appointment: June 21, 2022
15. Faculty/Directorate: Basic Medical Sciences
16. Department/Unit: Anatomy

B. Educational Background:

1. Higher Educational Institutions Attended

M.Sc. Anatomy, University of Medical Sciences, Ondo, Ondo State, Nigeria;
May 2022 – January 2024

B.Sc. Anatomy, University of Medical Sciences, Ondo, Ondo State, Nigeria;
December, 2015 – December, 2019

2. Other Distinctions and Awards (Scholarship, Awards, Grants)

- i. Neuromatch Academy Computational Neuroscience Scholarship**
Value: Covers school fee for Computational Neuroscience Course in NMA. April 30, 2024
- ii. Brain Dynamics Toolbox Fee Waiver**
Value: Full waiver for the Modeller's Workshop. Awarded by Dr. Stewart Heitmann. April 25, 2024
- iii. IRCN and Chen Institute Joint Course on Neuro-inspired Computation, University of Tokyo**
Value: Covers round-trip flight, transport, accommodation and meals. April 12, 2024
- iv. NeuroDataReHack at Janelia Research Campus in Ashburn, VA, USA**
Value: Covers round-trip flight, on-campus housing, and meal costs. April 2, 2024

- v. **NOV-DEC Adewuyi Research Animal Foundation (ARA) Grant**
Value: Grant support for M.Sc. Research Project. November 23, 2023
- vi. **IX Latin American School on Computational Neuroscience – LASCON’2024 – IBRO Award**
Value: Accommodation, meals, and in-city transportation for training for LASCON 2024, at the Institute of Mathematics and Statistics, University of Sao Paulo, Brazil. October 29, 2023
- vii. **ISRC-CN3 Autumn School Scholarship**
Value: The award covers school fees for the course on Computational Neuroscience, Neurotechnology, and Neuro-inspired Artificial Intelligence (ISRC-CN3), at the Intelligent Systems Research Centre, Ulster University, Northern Ireland. October 2, 2023
- viii. **LETNeu NSN 2023 Conference Support**
Value: Complete coverage of registration fees, accommodation, and stipend for travel support to the 20th National Scientific Conference of the Neuroscience Society of Nigeria, Babcock University, Ogun State, Nigeria. June 25, 2023

C. Work Experience:

1. Work Experience Outside the University System

Volunteer, Brain Imaging Data Structure (BIDS), NIH Brain Initiative; International Neuroinformatics Coordinating Facility (INCF)
April, 2024 – Present

- i. Developing alongside the BIDS team, a brand guide that accurately represents BIDS specification standard in organizing and sharing neuroimaging and behavioral datasets within the global neuroscience community.

Class Teacher (NYSC), Model Comprehensive Secondary School, Nkwelle/Ezunanka, Anambra State, Nigeria
March, 2020 – March 2021

- i. Tutored the Junior Secondary Classes on Mathematics.
- ii. Tutored the Senior Secondary Classes on Biology.

Research Intern, Institute of Advanced Medical Research and Training (IAMRAT), University College Hospital, Ibadan, Nigeria
September, 2018 - December, 2018

- i. Supported research works on Malaria Research and Drug Research at the General Laboratory.
- ii. Aided in the Neuroscience and Ageing Research Unit Laboratory research activities while learning.
- iii. Supported in the Stroke Investigative Research and Educational Network (SIREN) Project that aimed to create an environment with reduced stroke impact on people.
- iv. Learned how to extract and analyze DNA samples from collected blood samples.
- v. Record-keeping and preservation of samples acquired from fieldwork with the use of Microsoft Office Suite.

2. Work Experience in University of Medical Sciences

Graduate Assistant, Department of Anatomy, Faculty of Basic Medical Sciences, University of Medical Sciences, Ondo City, Ondo State, Nigeria.

January 2022 - Present

- i. Actively assisting the department with academic duties as assigned by the Head of Department.
- ii. Guiding and teaching the medical students in dissection to enhance their understanding of the human body in relation to theoretical knowledge.
- iii. Guiding the final year students with their project research and writing.

3. Courses taught within the Current Academic Session

D. Membership of Professional Bodies

- i. **Member**, International Society for Neurochemistry (ISN). 2023 – Present
- ii. **Member**, American Chemical Society (ACS). 2023 – Present
- iii. **Member**, International Parkinson and Movement Disorder Society. 2023–Present
- iv. **Member**, Asian-Pacific Society for Neuroscience (APSN). 2022 – Present

E. Publications

1. Thesis/Dissertation

- i. Therapeutic Role of *Aframomum Melegueta* on LPS-induced Mouse-model of Cognitive Impairment and Neuroinflammation.
- ii. Comparative Neuroanatomical Study of the Prefrontal Cortex of Human and Seven Mammalian Species

2. Published Journal Articles

- i. Enemali F. U., Iteire K. A., Uweijigbo R., **Oladele T. S.**, Agbon A. N., and Emmanuel I. O. “Identification of Neuronal cell types and Immunohistochemical Localisation of Dopaminergic Neurons in the Spinal Cord Segment of Grasscutter (*Thryonomys Swinderianus*)” *Acta Scientific Anatomy* 1.6 (2022): 11-15.
- ii. J. A. Siyanbade, K. A. Iteire, S. A. Adhlakun, K. A. Adebisi, B. J. Leko, **T. S. Oladele**, O. E. Ogunmiluyi, K. P. Folunrunso, H. O. Afolabi. “Ameliorative Effects of Aqueous Extract of *Colocasia Esculenta* Leaf Against Lipopolysaccharide-Induced Prefrontal Cortex Damage in Mice,” 07 May 2024, PREPRINT available at Research Square. [Preprint]

3. Manuscript Submitted for Publication

- i. **T. S. Oladele**, K. A. Iteire, A. A. Kayode, J. A. Siyanbade, O. E. Ogunmiluyi, I. E. Adefisan, and B. J. Leko. “Therapeutic Role of *Aframomum Melegueta* on Lipopolysaccharide-induced mouse models of Neuroinflammation and Memory Defect.” 2024, Heliyon.

- ii. J. A. Siyanbade, K. A. Iteire, S. A. Adelokun, K. A. Adebisi, B. J. Leko, **T. S. Oladele**, O. E. Ogunmiluyi, K. P. Folunrunso, H. O. Afolabi. Ameliorative Effects of Aqueous Extract of *Colocasia Esculenta* Leaf Against Lipopolysaccharide-induced Prefrontal Cortex Damage in Mice.” 2024, Discover Applied Sciences.
4. Paper and Work in Progress
- i. **T. S. Oladele**, K. A. Iteire, K. A. Sulaiman, R. O. Daodu. “Investigating the Mechanism and Molecular Dynamics of *Aframomum Melegueta* as a Potential Therapeutic Agent Against Neuroinflammation.”

F. Conferences and Workshops Attended

- i. Modeller’s Workshop: Building Custom Models with the Brain Dynamics Toolbox. April 25 – May 29, 2024.
- ii. Computational Neuroscience, Neurotechnology, and Neuro-inspired Artificial Intelligence (ISRC-CN3) Autumn School. Intelligent Systems Research Centre, Ulster University, Northern Ireland. October 25 – 31, 2023
- iii. HWK Workshop: Cortical Prostheses – Interdisciplinary Research Towards Artificial Vision for the Blind. Videoconference. University of Bremen, Germany. September 19 – 22, 2023
- iv. 20th National Scientific Conference of the Neuroscience Society of Nigeria (NSN). Babcock University, Ogun State, Nigeria. August 23 – 25, 2023
 - a. **Paper presented:** Evaluation of Garlic Complex's Role in Attenuating Cognitive Impairment in a Rat Model of Scopolamine-Induced Amnesia.
- v. “Introduction to Data Science using R” Workshop. University of Medical Sciences, Ondo State. March 28 – 20 June, 2023
- vi. High Throughput Imaging Characterization of Brain Cell Types & Connectivity by BRAIN Initiatives. Videoconference. December 14 – 15, 2022
- vii. Second Annual Sub-Saharan Regional Conference of The Nigerian Federation for Neurorehabilitation. University College of Medicine, University of Ibadan, Ibadan, Nigeria. December 2 – 4, 2018
- viii. ADEPTI Training: Data Analysis and Visualization using SPSS and Microsoft Power BI. University of Medical Sciences, Ondo, Ondo State, Nigeria. April 17 – 21, 2023.
- ix. ACURET-UNIMED Ondo Animal Ethics Training Workshop. December 5 – 6, 2022
- x. Training in Grant Writing in Response to Call for Tenders – ACE Partner Training. November 2 – 4, 2022