

UWM STUDENT

Phone - Email

EDUCATION

PhD Health Science, August 20xx

University of Wisconsin-Milwaukee, Milwaukee, Wisconsin, USA

Dissertation: *Photobiomodulation with 670nm Near Infrared light therapy modulates disease pathogenesis in MOG35-55 induced Experimental Autoimmune Encephalomyelitis (EAE) in C57BL/6 mice.*

MSc Biomedical Science (Distinction), December 20xx

Manchester Metropolitan University, Manchester. UK

Thesis: *Improved and rapid detection and identification of methicillin resistant Staphylococcus aureus (MRSA).*

Postgraduate Diploma (PgD) Microbiology, September 20xx

Lagos State University, Ojo, Lagos, Nigeria

Thesis: *Bacteriology of Cerebrospinal meningitis.*

Fellow Institute of Medical Laboratory Science (FIMLS) - Chemical Pathology, June 20xx

School of Medical Laboratory Science, University College Hospital, Ibadan

Thesis: *CSF:Blood glucose in meningitic and non-meningitic subjects in UCH, Ibadan.*

Associate Institute of Medical Laboratory Science (AIMLS) - Medical Microbiology, May 20xx

School of Medical Laboratory Science, University College Hospital, Ibadan, Nigeria

Thesis: *Antimicrobial activity of Ciprofloxacin on isolates of Pseudomonas aeruginosa in UCH, Ibadan.*

RESEARCH EXPERIENCE

Doctoral Research

Fall 20xx-present

University of Wisconsin-Milwaukee, Milwaukee, Wisconsin

Maintained mouse colonies and prepared experimental designs. Used methods including tissue culture, proteomics, immunoseparation, immunoprecipitation, flow cytometry, immunohistochemistry, and QPCR. Presented research findings at scientific meetings and symposia. Participated in grant writing and manuscript preparation.

Project Assistant

Fall 20xx-present

University of Wisconsin-Milwaukee, Milwaukee, Wisconsin

Engaged in laboratory research in immunopathogenesis of Multiple Sclerosis using animal model Experimental Autoimmune Encephalomyelitis (EAE). Supervised undergraduate research students in the laboratory.

Graduate Student Research

Fall 20xx-Summer 20xx

University of Wisconsin-Milwaukee, Milwaukee, Wisconsin

Carry out cell culture, and redox signaling experiments in research on *Chlamydia pneumonia* pathogenesis and chronicity, using in-vitro cell culture model. Designed and executed experiments, prepared manuscripts and wrote research grants.

Graduate Student Research

September 20xx-December 20xx

Manchester Metropolitan University, Manchester, UK

Investigated a rapid diagnostic method for methicillin resistant *Staphylococcus aureus* (MRSA) using bacterial cultivation, immunomagnetic separation, and mass spectrometry.

Medical Laboratory Scientist

January 20xx-September 20xx

University College Hospital, Ibadan, Nigeria - Medical Microbiology Department

Handled therapeutic drug monitoring (TDM) in patients with complicated drug therapy. Conducted antimicrobial drug testing and extraction of antimicrobial plant products. Published manuscript in collaboration with sister institution.

TEACHING EXPERIENCE

Lecturer/Instructor

Spring-Fall 20xx

University of Wisconsin-Milwaukee, Milwaukee, Wisconsin

Course: Clinical Laboratory Science (CLS 101) lecture and laboratory

Taught undergraduate lecture and 2-3 laboratory sections. Received student course evaluations scoring above the department average. Focused on developing rapport and mutual respect with students to create an atmosphere that enhanced learning. Encouraged open, but respectful expression of thoughts and class discussions. Employed a student-centered teaching philosophy and maintained active and supportive communication with students through email, D2L, and office hours. Developed and graded weekly quizzes and lab reports. Supervised a teaching assistant.

Teaching Assistant

Fall 20xx-Fall 20xx

University of Wisconsin-Milwaukee, Milwaukee, Wisconsin

Courses and Labs: Medical Microbiology Laboratory, Clinical Immunology Lab, Introduction to Clinical Laboratory Science, Human Pathophysiology, Clinical Hematology Lab, Blood Banking, Diagnostic Medicine, and Nutrition

Prepared and set up laboratory for lab sections. Graded weekly tests and lab reports. Taught sections as needed in instructor's absence.

Instructor

Summers 20xx-20xx

University of Wisconsin-Milwaukee, Milwaukee, Wisconsin

High School Scholars Laboratory Program - College of Health Science

Course: Biotechnology & the Gene

Instructed students through hands-on experiments with practical life applications. Facilitated student's exploration of biotechnology and personally clarifying whether or not to pursue the field as a career.

Lecturer

February 20xx-August 20xx

University College Hospital, Ibadan, Nigeria - School of Medical Laboratory Science

Courses: Medical Microbiology and Parasitology (Bacterial Genetics, Antimicrobial Chemotherapy and Susceptibility, Anaerobiosis, Enterobacteriaceae, Upper Respiratory Tract Infections, Staphylococcaceae, Streptococcaceae, and Water Bacteriology), Molecular Medical Microbiology, Medical Laboratory Science Ethics, General Applied Science, and Introduction to Medical Laboratory Science.

Taught lower and upper-level courses and labs. Assessed and evaluated student learning through exams and oral presentations. Acted as coordinator and adviser to senior students and supervised student's final scientific thesis/project. Served as a national examiner to the Medical Laboratory Scientists certification exams.

PROFESSIONAL EXPERIENCE

Senior Medical Laboratory Scientist

January 20xx-September 20xx

University College Hospital, Ibadan, Nigeria - Medical Microbiology and Parasitology Department

Worked with the infection control unit on nosocomial disease surveillance and outbreak. Trained students of the School of Medical Laboratory Sciences, resident doctors and student internees. Co-supervised research of undergraduate and graduate students from various schools around Ibadan metropolis. Involved in regular review of laboratory procedures, quality control measures, result evaluation and active call duty services to the hospital.

Medical Laboratory Scientist

May 20xx-May 20xx

Noma Clinic and Maternity, Gombi, Adamawa, Nigeria

National Youth Corp Service

Established diagnostic laboratory services for a rural clinic. Determined clinic and patient needs, purchased equipment and supplies, and coordinated set up of the lab. Collaborated with the director on analyzing patient test results. Solely oversaw and managed all aspects of the laboratory duties.

PUBLICATIONS

Azenabor AA, **UWM Student**, Akoachere JF, Chaudhry A. Macrophage antioxidant enzymes regulate *Chlamydia pneumoniae* chronicity: evidence of the effect of redox balance on host-pathogen relationship. *Immunobiology*. 20xx; 211(5):325-39. Epub 20xx Apr 18.

Ogunwande IA, Bello MO, Olawore ON, **UWM Student**. Phytochemical and antimicrobial studies on *Butyrospermum paradoxum*. *Fitoterapia*. 20xx Jan;72(1):54-6.

UWM Student, Sandeep Gopalakrishnan, Janis T. Eells, Jeri-Anne Lyons Photobiomodulation by 670nm NIR-LED light reduced disease pathogenesis in MOG35-55 induced experimental autoimmune encephalitis (EAE). In progress.

PRESENTATIONS

UWM Student, Stacy L. Meyer, Jeri-Anne Lyons Ph.D (20xx, November). Clinical improvement of EAE by 670nm light correlates with changes in cytokine and nitric oxide expression. Poster and oral presentation at the Autumn Immunology Conference (AIC), Chicago, USA.

UWM Student and Jeri-Anne Lyons (20xx, October). Amelioration of Autoimmune Demyelination with 670nm NIR light treatment in C57BL/6 mice. Oral presentation at the Biological Science departmental seminar, University of Wisconsin-Milwaukee, Wisconsin, USA.

Investigation of Near-Infrared Light as a Novel Therapeutic Strategy for the Treatment of Multiple Sclerosis. College of Health Science students' research symposium (Spring 20xx).

UWM Student, Sandeep Gopalakrishnan, Janis T Eells, and Jeri-Anne Lyons. (20xx, November). Photobiomodulation of EAE with NIR-LED light at 670nm. Poster and oral presentation at the Autumn Immunology Conference (AIC7), Chicago, Illinois, USA.

UWM Student (20xx, September). Genetic polymorphisms in the severity of Cystic Fibrosis. Oral presentation at the graduate student seminar, College of Health Sciences, University of Wisconsin-Milwaukee, Wisconsin, USA.

UWM Student (20xx, February). Cell-cell interaction in Health and Disease. Oral presentation at the graduate student seminar, College of Health Sciences, University of Wisconsin-Milwaukee, Wisconsin, USA.

UWM Student (20xx, October). Infant mortality and Population health. Oral presentation at the graduate student seminar, College of Health Sciences, University of Wisconsin-Milwaukee, Wisconsin, USA.

UWM Student (20xx, June). Molecular and Cell biology of neuroblastomas. Dissertation presentation at the Biological Sciences and Engineering, Manchester Metropolitan University, Manchester, UK.

UWM Student (20xx June). Age and Sex distribution of HIV/AIDS among patients with pulmonary tuberculosis. Oral presentation at the Annual general meeting of Medical Laboratory Science Council of Nigeria, Lagos University Teaching Hospital (LUTH), Nigeria.

UWM Student (20xx, January). Laboratory diagnosis of cerebrospinal meningitis. Oral presentation at the Medical Microbiology departmental seminar, University College Hospital, Ibadan, Nigeria.

UWM Student (20xx, August). Bacterial vaginosis in Intrauterine device (IUCD) contraception. Oral presentation of final project in STD, HIV/AIDS training, at the College of Medicine, University of Ibadan/University College Hospital, Ibadan, Nigeria.

LABORATORY SKILLS / TECHNIQUES

- Western analysis
- Proteomics
- Cell culture
- Flow cytometry
- Mass spectrometry
- Immunofluorescence techniques
- Immunohistochemistry
- Immunomagnetic separation
- Signal transduction
- Immunoprecipitation
- Rodent handling and experimental animal model
- Clinical Microbiology, Clinical Chemistry and Immunology laboratory techniques
- Molecular biology techniques including RNA & DNA techniques, QPCR

AWARDS

Graduate Teaching and Project Assistantship, College of Health Sciences, Clinical Laboratory Science program, University of Wisconsin-Milwaukee. 20xx-20xx.

Quantum Devices Scholarship, College of Health Sciences, University of Wisconsin-Milwaukee. May 20xx.

Molly Yeffeth Krain & Irwin Amrani Memorial Scholarship, College of Health Sciences, University of Wisconsin-Milwaukee. 20xx, 20xx.

Graduate student research grant, College of Health Science, University of Wisconsin-Milwaukee. Spring 20xx, Fall 20xx.

Graduate student travel grant, Graduate School, University of Wisconsin-Milwaukee. Fall 20xx, Fall 20xx.

Vice Chancellor's Graduate Student Award, University of Wisconsin-Milwaukee. 20xx, 20xx, 20xx.

PROFESSIONAL AFFILIATIONS

Chartered Scientists (CSci), Institute of Biomedical Science (IBMS), UK.

Fellow, Medical Laboratory Science Council of Nigeria (MLSCN).

Fellow, Institute of Biomedical Science (IBMS), UK.

Member, Association of Medical Laboratory Scientists of Nigeria.

Member, American Association for the Advancement of Science (AAAS).

Member, American Society for Microbiology (ASM).

Member, American Association of Immunologists.

Member, American Society for Clinical Laboratory Scientists.

PROFESSIONAL DEVELOPMENT

Certificate in HIV/AIDS Diagnosis, Management and Prevention - The role of the medical laboratory scientist in the 21st century. Medical Laboratory Science Council of Nigeria. September 20xx.

Certificate in Management, Treatment, Prevention and Control of Sexually Transmitted Diseases and HIV/AIDS. College of Medicine, University College Hospital, Ibadan, Nigeria. September 20xx.

Certificate in Management, Prevention and Control of Nosocomial Infections. College of Medicine, University College Hospital, Ibadan, Nigeria. June 20xx.

LANGUAGES SPOKEN

English and Yoruba

REFERENCES
