

Oluremi Abayomi

Grayling MI 49738

(989) 423 8330

remdaniels@yahoo.com

<https://www.linkedin.com/in/oluremi-abayomi/>

Research Interests

Statistical Modeling and Predictive Analytics

Education

2020	Central Michigan University Statistics and Analytics, PhD	Mount Pleasant, Michigan.
2017	Central Michigan University Mathematics, MA	Mount Pleasant, Michigan.
2010	University of Lagos Mathematics and Statistics, BS	Lagos State, Nigeria.
2006	The Federal Polytechnic, Ede Statistics, National Diploma	Osun State, Nigeria.

Relevant Teaching Experience

- 08/2019–Present **Assistant Professor/Curriculum Lead**, *Northwood University*, Midland, MI.
- Create course materials and teach assigned mathematics, statistics, and predictive analytics classes.
 - Design career-relevant academic curriculum for majors in business analytics.
- 08/2012–05/2019 **Graduate Teaching/Tutoring Assistant**, *Central Michigan University*, Mount Pleasant, MI.
- Created course materials and taught assigned mathematics and statistics classes.
 - Tutored a diverse student body at the Mathematics Assistance Center and taking online courses.
- 08/2018–Present **Adjunct Faculty**, *Delta College*, University Center, MI.
- Created course materials and taught assigned mathematics classes.
- 08/2018–05/2019 **Adjunct Faculty – Adult Degree Program**, *Northwood University*, Midland, MI.
- Taught assigned mathematics classes(face to face and online)
- 08/2018–Present **Adjunct Faculty**, *Mid Michigan College*, Mount Pleasant and Harrison, MI.
- Created course materials and taught assigned mathematics classes.
 - Tutored a diverse student body in statistics at the Mathematics Laboratory.
- Spring 2017 **Teaching Internship II**, *Central Michigan University*, Mount Pleasant, MI.
- Created course materials and taught MTH 223: Linear Algebra and Matrix Theory
 - Internship Supervisor: Ben Salisbury.
- Fall 2016 **Teaching Internship I**, *Central Michigan University*, Mount Pleasant, MI.
- Taught STA 282QR: Introduction to Statistics(Quantitative Reasoning)
 - Internship Supervisor: kahadawala Cooray.
- 01/2008–08/2012 **GRE/SAT Instructor**, *Whiterock Educational Services*, Lagos, Nigeria.
- Led instruction and assessed understanding in mathematics topics for GRE and SAT preparation.
- 01/2008–08/2012 **Business Owner and Private Tutor**, *MathRescue Tutors*, Lagos, Nigeria.
- Conducted one-on-one tutoring sessions at student's residence.
- 08/1998–12/2004 **Para-professional Educator**, *Saint Anthony's International School*, Lagos, Nigeria.
- Provided needed instructional assistance in general daily classroom work.

Courses Taught – At Northwood University

- Spring 2020 MTH 4100: *Data Mining for Business* – One section(Hybrid)
Spring 2020 MTH 2310: *Statistics I* – Two sections(Hybrid)
Spring 2020 MTH 1150: *College Algebra* – One section(Hybrid)
Fall 2019 MTH 4200: *Predictive Analytics* – One section
Fall 2019 MTH 2310: *Statistics I* – Two sections
Fall 2019 MTH 1150: *College Algebra* – One section
Spring 2019 MTH 1150: *College Algebra* – One section(Adult Degree Program-Online)
Fall 2018 MTH 1150: *College Algebra* – One section(Adult Degree Program-Face to Face)

Courses Taught – At Delta College – Two sections

- Fall 2019 MTH 119AW: *Intermediate Algebra(Extended Hours)* – Two sections
Summer 2019 MTH 208: *Elementary Statistics* – Two sections
Spring 2019 MTH 119AW: *Intermediate Algebra(Extended Hours)*– One section
Fall 2018 MTH 118AW: *Mathematical Explorations(Extended Hours)*– One section

Courses Taught – At Central Michigan University

- Spring 2019 MTH 105: *Intermediate Algebra* – One section
Fall 2018 STA 282QR: *Introduction to Statistics(Quantitative Reasoning)* – Two sections
Spring 2018 MTH 217: *Business Calculus* – One section
Spring 2017 MTH 223: *Linear Algebra and Matrix Theory* – One section
Fall 2016 STA 282QR: *Introduction to Statistics(Quantitative Reasoning)* – One section
Fall 2014 MTH 217: *Business Calculus* – Four sections
– Spring 2016
Fall 2013 MTH 107: *College Algebra* – Three sections
–Spring 2014
Fall 2012 MTH 105: *Intermediate Algebra* – Two sections

Courses Taught – At Mid Michigan College

- Spring 2019 MAT 104: *Basic Algebra*, MAT 105: *Intermediate Algebra*, MAT 107: *College Algebra*
Fall 2018 MAT 107: *College Algebra*, MAT 114: *Mathematical Reasoning*

Projects

- March 2020 **PhD Dissertation**, CENTRAL MICHIGAN UNIVERSITY, Mount Pleasant,MI.
○ Framework for Generating Statistical Models with an Application.
- December 2010 **Undergraduate Final Year Project**, UNIVERSITY OF LAGOS, Lagos, Nigeria.
○ Interdependence Within and Between some Discrete and Continuous Probability Distributions
In the course of executing this project, I was able to highlight the relationships between selected probability distributions as models of real life situations which themselves, exhibit interdependence.

Publication

Fall 2015-2016 **Graduate Class Project**, CENTRAL MICHIGAN UNIVERSITY, Mount Pleasant,MI.

- Conference Paper: En-Bing Lin; Oluremi Abayomi; Keshab Dahal; Patrick Davis; Nonhle Channon Mdziniso(2016).Artifact removal for physiological signals via wavelets Proceedings Volume 10033, Eighth International Conference on Digital Image Processing (ICDIP 2016); 1003355 (2016); doi: 10.1117/12.2244906

Conferences Attended

- 2019 ICOSDA 2019: International Conference on Statistical Distributions and Applications.
- 2016 ICOSDA 2016: International Conference on Statistical Distributions and Applications.
- 2013 ICOSDA 2013: International Conference on Statistical Distributions and Applications.

Honor and Award, Central Michigan University

- \$100 Award for Outstanding Teaching Assistant beyond Second Year (2016/2017).
- Outstanding Tutoring Award 2014.

Achievement, The Center for Excellence in Teaching and Learning

- Certificate of Achievement for Consistent Commitment to Teaching Excellence and the Successful Completion of Central Michigan University's Graduate Teaching Assistant Certificate Program.

Talks

Fall 2017 **Graduate Student Seminar**, CENTRAL MICHIGAN UNIVERSITY, Mount Pleasant,MI.

- Topic: A mesmerizing interplay: Algebra and Statistics.

Other Experience

Fall 2017 **Research Assistant**, CENTRAL MICHIGAN UNIVERSITY, Mount Pleasant,MI.

- I did an independent study of existing literature relevant to dissertation work in statistical modeling.

Summer 2017 **Private Tutor**, CENTRAL MICHIGAN UNIVERSITY, Mount Pleasant,MI.

- Tutored a referred high school student who had mathematical challenges.

Professional Membership

- American Statistical Association.
- American Mathematical Society.

Service

Assistant Professor, NORTHWOOD UNIVERSITY, Midland,MI.

- Currently serving as the Curriculum Lead in designing career-relevant academic curriculum for students planning on data analytics major.
- Served as a knowledgeable resource for visiting potential graduate students, answering questions and addressing concerns about the graduate program at CMU.

Computer skills

Statistical Languages and Packages: SAS, SQL, R, R Studio, Python, Minitab.

Learning Management Systems: Blackboard, Moodle, BrightSpace(D2L), CANVAS

Applications: L^AT_EX, MS Word, MS Excel, MS PowerPoint, MS Access.

Operating systems: Windows, MAC OS X.



Languages

English
Yoruba

Excellent command
Native Speaker