

Aminata Edith BAMBA ADEWUMI
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Objective

To obtain a position where I can utilize my education, analytical skills, and excellent work ethic.

Education

Doctorate in Education Technology Leadership <i>New Jersey City University, NJ 07305</i>	2020
Master of Arts in Mathematics Education <i>New Jersey City University, NJ 07305</i>	May 2010
Bachelor of Science in Biology and Minor in Mathematics <i>New Jersey City University, NJ 07305</i>	August 2006
Associate of Science Degree in Computer Science <i>Hudson County Community College, NJ 07306</i>	May 2004

Education Technology Leadership Professional Growth

2017-2018

- Attended Summer Institution I and II at NJCU
- Continued coursework for EDTC Program 2017-2018
 - EDTC 801 – Summer Institute I
 - EDTC 802 – Principles of Education Technology Leadership
 - EDTC 803 – Data Analysis and Report Writing
 - EDTC 804 – Global Issues in Education Technology Leadership
 - EDTC 805 – Cross-Discipline Studies in Technology
 - EDTC 806 – Research Methods in Education Technology Leadership
 - EDTC 807 – Implementation and Evaluation of Curriculum
 - EDTC 808 – Summer Institution II
 - EDTC 809 – Assessment and Evaluation
 - EDTC 813 – Advanced Using Integrated Software across the Curriculum
 - EDTC 814 – Advanced Effective Models of E-Learning
 - EDTC 815 – Administration and Supervision of Technology in Educational Settings
- Participated Webinar in 2017-2018:
 - Integrate iMovie into their own
 - Innovate and Re-Imagine education with robotics and drones
 - Effective grant writing
 - Tech it up! Using technology to enhance your lessons
 - Research and present in multiple media
 - MakerBot on 3D printing
- Continued to teach in Higher Education in Mathematics
- Build a website, BAACE Education, to bring education technology in West Africa (Pearson representative email)
- Presented NJ Maker Summit in EV3 Lego MindStorms (2017)
- Presented on EDTC Family Technology Day on wearable technology (2017)
- Presented at HCCC Library Makerspace event with mathematics students (2018)
- Presented for HCCC EOF on technology (2018)
- Presented on Educational technology app usage in the classroom (2018)
- Attended "Education in China" by Dr. Jan workshop (2017)
- Attended Presentation by Mr. Etienne Wenger workshop (2018)
- Participated in video conferences on Online Supplementary Instruction (2017-2018)
- Attended and participated in "Girl for STEM" project and activities (2018)
- Facilitated in EDTC Gamified Scavenger Day (2018)
- Facilitated in NJ Hack-A-Thon (2018)
- Reviewer and judge for the 2018 CODiE Awards and 2018 IEEE TALE Review Committee

Teaching Experience

2010 - Present

Teach students to think competently and to learn how to translate real world problems into the language of mathematics and solve them. Courses include the computational and algebraic skills such as fractions, integers, percentages, statistics, polynomial, rational expressions, radicals, and graphical interpretations necessary for success in college. Use Pearson's MyMathLab, Blackboard, Canvas, Cengage's WebAssign, and Smartboard for classroom management.

Adjunct Instructor, Hudson County Community College, Jersey City, NJ 07306

September 2010-Present

- MAT071 – *Basic Mathematics*
- MAT070/073 – *Basic Algebra*
- MAT100 – *College Algebra*
- MAT073/100 ALP – *Basic Algebra/College Algebra*
- Tutor – *Tutorial Center*
- MyMathLab, Blackboard, and Smartboard for classroom management
- Winter/Summer Enrichment and Bridge Program for Academic Foundation Courses
- NNJ-B2B (Northern New Jersey Bridges to Baccalaureate) STEM Summer Bridge Program for MAT100-College Algebra and MAT1 Instructor

Adjunct Instructor, New Jersey City University, Jersey City, NJ 07305

January 2011 – Present

- MAT090 – *Developmental Mathematics*
- MAT095 – *Basic College Mathematics*
- MAT098 – *Algebra for College*
- MAT112 – *Intermediate Algebra*
- MAT114 – *Contemporary Mathematics*
- MAT205 – *Problem Solving*
- NJCU ASCEND Summer Bridge Program

Adjunct Instructor, Borough of Manhattan Community College, New York, NY10007

January 2015 – Present

- MAT008 – *Basic Mathematics*
- MAT012 – *Basic Arithmetic and Algebra*
- MAT051 – *Elementary Algebra*
- MAT161 – *Topics in Quantitative Reasoning*

Other Experience

NNJ-B2B Office Assistant, Hudson County Community College, Jersey City, NJ 07306

September 2015 - Present

Northern New Jersey Bridges to Baccalaureate (NNJ-B2B)

- Design flyers and application forms
- Advisor and Counselor to students
- Organizer

Mathematics Department Office Assistant, Hudson County Community College, Jersey City, NJ 07306

June 2006 – August 2010

- Answered phones, making copies, and faxing.
- Addressed in-person and telephone inquiries of students, staff, faculty, and visitors
- Checked/Corrected Departmental Exams and Final Exit Exams in Basic Mathematics, and Basic/ College Algebra
- Distributed of inter-office and outer-office letters, packages, and faxes for STEM Department

Summer Internship Program, University of Medicine and Dentistry of New Jersey, Newark, NJ 07103

June 2006 – August 2006

Institute for the Elimination of Health Disparities

- Collected surveys from OB/Gyn department and Breastfeeding Tracking Forms from nursery area.
- Entered data into Excel data base and graphed the results to observe breastfeeding rate improvement. Worked with various Obstetricians/Gynecologists and nurse practitioners.

Note Taker/Reader for Special Needs, Hudson County College, NJ 07306

March 2002 – Dec 2005

- Took notes for students with different type of disabilities
- Explained and helped with homework students in math, algebra, and English as a Second Language

Publication

2016

Rahman, Z., Basu, D., Adewumi, A. (2015). Using the chain rule to develop secondary school teachers' Mathematical Knowledge for Teaching, focused on the rate of change: Secondary mathematics teachers' knowledge of the chain rule and its' impact on their teaching of the rate of change. *RUME*: Montclair State University. Retrieved from http://sigmaa.maa.org/rume/crume2016/Papers/RUME_19_paper_157.pdf

Certificate

- MakerBot on 3D Printing 2018
- NJ Hack-A-Thon 2018 2018
- Judge CODiE Awards 2018
- Participation "Using Instructional Technology" Certificate November 2014
- National Tutoring Association Award Certificate 2011–2014
- The Learning Communities Program Achievement Award 2005–2006
- Student Support Services Program Achievement Award 2004–2005

Honor

- National Tutoring Association Award Certificate 2011–2014
- Academic Foundation Mathematics Workshops and Certificates 2012–2014
- STEM Workshops 2012–2014
- Nets and Devils Scholarship 2003–2006
- Dean's List 2002–2005
- Student Support Services Program Achievement Award 2004–2005
- Presidential Scholarship 2004–2006
- Who's Who Among American College Students 2003–2004
- Member of Phi Theta Kappa Honor Society 2001–2004
- A-P-A Scholarship 2001–2004
- OK2 Scholarship 2001–2004

Volunteer Work

Presenter and Volunteer, Hudson County Community College, Jersey City, NJ 07306

- Academic Foundation Mathematics Final Review Fall 2014
- Boost Workshop "Factor" Spring 2014
- Volunteer at GreenFest2014 at Kean University by Phi Theta Kappa HCCC Fall 2013
- Boost Workshop "Combined Like Term" Spring 2013
- Boost Workshop "Integers" Fall 2012
- Boost Workshop "Order of Operation" Fall 2012
- Exit the Igloo in Mathematics (After Hurricane Sandy) Spring 2014

Clubs/Members

- BMCC Adjunct Union, HCCC Adjunct Union, NJCU Adjunct Union Member Present
- Phi Theta Kappa Member, Hudson County Community College, Jersey City, NJ 07306 2005-Present
- Transfer Student Service Mentor New Jersey City University, Jersey City, NJ 07305 2005- 2006
- Biology Club Member, New Jersey City University, Jersey City, NJ 07305 2004- 2006

Computer Skills

- Microsoft Office: Word, Excel, PowerPoint, Outlook, and Publisher.
- Google: Docs, Dropbox, Drive, Slide, Hangouts
- Typing machine, analytical, research, presentation skills
- MyMathLab, Webassign, Canvas, Blackboard, SmartBoard, Facebook, Twitter

Languages

English and French

References

Available upon request