

Aminata Edith BAMBA ADEWUMI
Professional Email: aadewumi@hccc.edu
Personal Email: edidi112@gmail.com
Doctoral Website: www.aminatabambaadewumi.com

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

Teaching Experience

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.

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 and 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
- Used MyMathLab, Blackboard, and Smartboard for classroom management

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

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

2016

Presentation

- NJ Maker Summit Presentation on Lego Mindstorms EV3
- NJCU Family Day – Education Technology Wearable Presentation

August 2017
September 2017

Certificate

- Participation “Using Instructional Technology” Certificate
- National Tutoring Association Award Certificate
- The Learning Communities Program Achievement Award
- Student Support Services Program Achievement Award

November 2014
2011–2014
2005–2006
2004–2005

Honor

- National Tutoring Association Award Certificate
- Academic Foundation Mathematics Workshops and Certificates
- STEM Workshops
- Nets and Devils Scholarship
- Dean's List
- Student Support Services Program Achievement Award
- Presidential Scholarship

2011–2014
2012–2014
2012–2014
2003–2006
2002–2005
2004–2005
2004–2006
2003–2004

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|---|-----------|
| • Who's Who Among American College Students | 2001–2004 |
| • 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

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

Clubs

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| • 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