

Abushieba Abas Ibrahim, Ph.D.

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🌐 <http://www.broward.edu/zext/ext/FacultyDisplay.jsp?Name=AIBRAHIM>



Highly motivated educational professional with strong background in Mathematics. Talented in explaining complicated mathematical concepts in a clear manner. Focused on achieving results by developing, implementing educational technology driven solutions and unique teaching strategies to effectively engage all students. Proficient in written and verbal Arabic.

Employment History

2007 –Present 📌 **Broward College** *Full-time Professor*

- ☐ Instructs all pre-requirement and high level college Math. (MAT 1033, MAC1105, MAC1147, MAC1140, MAC1114, MAC2311/12, MAC2233, MGF 1106/1107.
- ☐ Develop and manage the class syllabus and ensuring that the syllabus meets department and college standards.
- ☐ Plan and create in-class exercises and assignments.
- ☐ Grade quizzes and exams.
- ☐ Assess grades for students based on participation, performance in class, assignments and examinations.
- ☐ Collaborate with colleagues on course curriculum.
- ☐ Advise students on how to be successful in class during office hours.
- ☐ Provide tutoring services through ASC.

2008 –Present 📌 **Miami Dade College** *Part-Time Adjunct Faculty*

- ☐ Teach high level college Math (MAC1105,MAC1140/MAC1114).
- ☐ Grade quizzes and exams.
- ☐ Evaluate student work and maintain their records.

2009 –Present 📌 **Nova Southeastern University** *Associate lecture*

- ☐ Teach six(6) courses (or the equivalent) during the 12 month period.
- ☐ Advise students on how to be successful in class during office hours.
- ☐ Assess grades for students based on participation, performance in class, assignments and examinations





2004 –2007 📌 **Stepping out Inc.- Ft. Lauderdale, FL** *General Manager.*

Employment History (continued)



2002 –2004  **Gasim Private School**

- ☐ Gathered Project Requirements for School.
- ☐ Provide outstanding interpersonal , written communication and oral communication skills.
- ☐ Organized , and balanced internal priorities and work independently.
- ☐ Managed timely delivery results and met critical datelines for school plan.






Education

- 2016  **Ph.D., Sudan University of Science and Technology, Sudan** in Pure Mathematics
Thesis title: *Gradient Flows and non-Contraction of Heat Flow on Metric and Minkowski Spaces*
- 2009  **MBA, American Intercontinental University, USA** in Master of Business Administration
- 2006  **M.Sc. Master of Science in Mathematics, Nile Valley University, Sudan.**
- 2003  **B.Sc. (Hons) Mathematics,Sudan University of Science and Technology, Sudan.**

Projects

- 2019-2020  **The Women in STEM Mentoring Program** :A group comparison funded by Scholarship of Teaching & Learning (SoTL) and Faculty Innovation Grants. Collaborative Dr. Denise Rodriguez & Dr. Abushieba Ibrahim 2019-2020.
- 2018-2019  **Catalyzing Change in Calculus:** This project at Florida International University will advance the aims of the HSI Program by increasing the success of students in calculus. Leveraging a partnership with Broward College, this project will implement Modeling Practices in Calculus, a student-centered curriculum in which students learn calculus by engaging in the authentic practices of mathematicians

Skills

- Languages  Strong reading, writing and speaking competencies for Arabic.
- Coding  \LaTeX , Maple 6,and Mathematica
- Web Dev  HTML.
- Misc.  Academic research, teaching, training, consultation, \LaTeX typesetting and publishing.
- Software  MY MATH LAB , Aleks, Webassign,and connectMath

Miscellaneous Experience

Awards

- 2010  **Adjunct Professor of the year**
- 2014  **Adjunct Professor of the year.**

Miscellaneous Experience (continued)

Certification

- 2020 ■ **Association of College and University Educators (ACUE):** This course is offered by Broward College. Upon successful completion, participants receive a Certificate in Effective College Instruction endorsed by the American Council on Education.
- 2017 ■ **Lean six Sigma.** Awarded by Broward College
- 2016 ■ **Emerging Scholar.** Awarded by Quality Enhancement Plan.
- 2010 ■ **Learning Communities.** Awarded by South Campus Learning Communities.

Professional Development

- Adjunct Faculty Summer Institute; completed June 2010.
- Completed over 300 hours of Professional Development on various topics at Broward College and Miami Dade College.
- Served on screening committee for Associate Dean of Math.
- Served on Grade Appeal committee 2017-present.
- Book committee member for MAT1033 MAC1105/MAC1114/MAC1140/MAC1147 and MAC2311.
- Created commissioned and non commissioned courses (MAC11140 MAC1114 and MAC2311/2312).
- Member of the Association of Florida Colleges (AFC).
- Represented Broward College at the “E- learning Africa International Conference” in Ghana in May 2008.
- Attended *IT ALL ADDS UP* Conference in San-Diego, CA March 2017.
- Attended *Science and Engineering for Social Good* conference in Atlanta ,Georgia in February 2018_ sponsored by National Center for Science and Civic Engagement.
- Attended *ICTCM conference Pearson* March 2018 in Washington, DC

References

Available on Request