

SAMINA MUSA

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EDUCATION:

University of Maryland, Baltimore County (UMBC)

Expected Graduation: May 2020

B.S. Chemical Engineering, Environmental Track

Current GPA: 3.94/4.0 (*summa cum laude*)

McNair Scholar

May 2017 - Present

RESEARCH AND TEACHING EXPERIENCE:

Undergraduate Researcher, Dr. Lee Blaney, UMBC Chemical/Biochemical Engineering

June 2017 - Present

- Examine and optimize the extraction and recovery of phosphorus from poultry litter
- Attend weekly lab meetings and present lab work periodically

Chemistry Learning Assistant, University of Maryland, Baltimore County

August 2016- June 2017

- Prepared for class lectures and answered student questions about chemistry material
- Helped students prepare for exams during review sessions

EXTRACURRICULARS AND COMMUNITY SERVICE:

Eco-Ambassador, UMBC Sustainability Matters

September 2016 - Present

- Promote and educate students on sustainable practices such as composting and recycling on campus
- Organize semesterly retreat on sustainability

Gleaning Coordinator, UMBC The Garden

September 2016 - Present

- Lead “food waste” dinners to build community and initiate discussions on methods reduce waste
- Prepare and distribute meals to the homeless in Baltimore

Events Coordinator, UMBC Beyond Relief

September 2016 - June 2017

- Planned weekly and biweekly service adventures
- Held clothing drives

Success Peer, UMBC Success Program

February 2016 - May 2016

- Aided students with intellectual disabilities at UMBC twice a week on cooking, writing, and presentation skills

Service Committee Leader, Living Learning Community Council (UMBC)

Sept 2015 - May 2016

- Created events for residents in the Living-Learning Communities on campus
- Met monthly

SKILLS AND CERTIFICATIONS:

Microsoft Office (advanced)

Spanish (beginner)

arcGIS (beginner)

CPR AED certification *April 2017*