Morgan Zialcita

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Education

Meharry Medical College School of Graduate Studies and Research

Masters of Science in Public Health Expected Graduation Date: May 2016

Tennessee State University

Biological Sciences; Bioinformatics Concentration

Graduated: May 2014

Educational Development

- **HBCU-UP STEM Program** (June 2010- July 2010)
 - o Lived on Campus; placed in STEM classes. Group members and I studied rock formations in the Mammoth Cave. Presented finding at the end of the program.
- Sophomore Summer Research Development Program (May 2011)
 - 3 week program that gave hands on experience in exposing us on the opportunities of different scientific fields of research. (Biology, Chemistry, Astronomy, Engineering, Computer Science)
- Tennessee Louis Stokes Alliance for Minority Participation (August 2010-present)
 - Determining antimicrobial activity within *E.coli* with the presents of crude extract preparations.
- National Science Foundation's Undergraduate Research and Mentorship in Environmental Science at Tennessee State University (September 2013- present)
 - Explaining the plant growth of six winter green woody species and its capability to survive in winter time through photosynthesis analysis.
- Aspirnaut Summer Research Internship Program at Vanderbilt Medical Center (May 2014-August 2014)
 - o Pathobiology of Diabetic Nephropathy research.
 - o Showcased research in National Institutes of Health R-25 conference

Work Experience

- Chandler's Deli LLC (August 2011- December 2013)
 - o Employee Development/ Trainer; Cashier

- Computer Lab Assistant (September 2012- Present)
 - o Monitored computer labs, and assisted students in technical problems

Leadership Involvement

- **Secretary**; Women of Empowerment, Inc.
 - Took minutes for all meetings (executive board/ general body). Collected and organized records regarding community service and campus activities; responsible for composing and sending out any official letters.
- Mentor; Healthy People Challenge 2014, 2015
 - o Assisted middle school students on tackling a Public Health case study.
- **Director of Laboratory and Supplies**; 12 South Community Clinic
 - o In charge of overseeing and stocking supplies. Train others in Phlebotomy.

Skills

- Database Management. Windows Visual Studio; C#. Bioinformatics; Python Programming
- Microsoft (Word, Access, Publisher, PowerPoint, Excel, SharePoint)
- Received training in Phlebotomy

Volunteer Experience

- Nashville's Men and Women Missions (August 2013-present)
- Preston Taylor Ministries (October 2011-present)
- Breast Cancer Awareness Walk (October 2011, October 2012, October 2013)
- Autism Awareness Walk (April 2012)
- HIV/Aids Awareness Walk (December 2013)
- Healthy People Challenge mentor (November 2014 and present)
- 12 South Community Clinic (Present)