

Tsion Tegicho

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EDUCATION

Carthage College

Bachelor of Arts (B.A.) in Neuroscience

Concentration: Pre-Physician Assistant

Dean's List

Kenosha, WI

Sophomore and junior year

LANGUAGES and SKILLS

- Research skills
- Proficient knowledge of medical terminology
- Administrative and planning skills
- Excellent knowledge of Microsoft Excel, Office, and analysis of behavioral data
- Ability to learn new/appropriate software
- Excellent skills in SAS
- Become a great team player by using excellent communication and organizational skills
- English- proficient
- Amharic language-fluent

Work EXPERIENCE

University of North Carolina chapel hill school of medicine Chapel Hill, NC

Research Specialist

- Manage mouse colonies
- Perform experimental and phenotyping protocols in laboratory mice
- Generate data reports and analyses
- DNA isolation and PCR to genotype and maintain mouse colonies
- Survival and non-survival surgeries to perform harvest of bronchoalveolar lavage, collection of tracheal and lung tissues; airway targeted instillation of bacteria, viruses, and pharmacologic treatments; gavage, sub-cute and intraperitoneal injection; monitoring of survival and health status; and good command of general laboratory procedures.
- Data entry, record keeping, sample cataloging and archiving, and compliance with animal handling health and safety procedures.

Carthage College Media Services

Kenosha, WI

Media Technology Assistant

May 2021 - May 2023

- Support, maintain, and repair classroom technology in all learning spaces on campus.
- Serve as a first responder when faculty run into issues with classroom technology, helping put a class back on track and reducing the waste of valuable class time.

- Served as a customer service personnel and clerical duties. By performing regular library pick-ups and making sure the library is tidy. Checking public printers around campus for paper, toner, and jams. Regularly cleans keyboards and monitors of all library computers and iPads. Shelves newspaper backfiles in proper date order and maintain the orderliness of collection. Shelves returned library materials from carts in the workroom.

LEADERSHIP AND COMMUNITY SERVICE

Feed My Starving Children

Libertyville, IL

The mission of FMSC, a Christian nonprofit organization, is to see every child whole in body and spirit. With the help of long-term food distribution partners, FMSC helps communities move from relief to development.

- Packed dry food meal kits for shipment to children January 2020

NGO Dignity4Girls

Dominican Republic

Advocates for vulnerable women and girls globally through physical, emotional, educational, and spiritual support

- Created over 700 face shields. Summer 2020
- Packed sanitary pads for girls in Kenya December 2019

Family in Faith Food Pantry

Glendale Heights, IL

- Packed food pantry items to serve community members December 2020

ACADEMIC ACTIVITIES AND EXTRACURRICULAR ACTIVITIES

- **Carthage College Research Student on Soil Bacteria** 2022
 - Followed Professor Tobiason's guidelines and carefully collected soil samples.
 - Excellent in performing the following tests/procedures: Gram staining, OF-Testing, Streaking, MRVP tests, and PCR.
 - Knowledgeable in 16srRNA sequencing, BLASTS, and antiSMASH data.
 - Successfully isolated and characterized two soil bacteria, with the highest hit from the anti-smash data with a query of 100%, a 0.0 E-value, and a percent identity of 100.0%.
 - Successfully presented findings to the class imposter presentation format.
- **Black Student Union** 2019-present
 - On the campus of Carthage College, the Black Student Union offers the African American community a welcoming and safe home away from home. We provide a variety of activities and talks throughout the year to help achieve an empowering commonality while teaching the community about our culture.
- **Carthage College Intervarsity** 2019-present
 - Intervarsity is a national organization that works to establish Christian communities on college campuses and links them with other Intervarsity chapters. We have community nights where we get to know one another and play plenty of games, as well as large group meetings on Thursdays where we engage in in-depth conversations about the bible with the help of local pastors and leaders. Small groups are also held over the week.

- **Carthage College Pre-Health Club** 2019-present
 - Any student interested in a healthcare career is welcome to join the pre-health club! The club hosts speakers, admissions reps, and professionals in many professional health fields.
- **Carthage College Neuroscience Club** 2019-present
 - The neuroscience club is for students pursuing a degree in Neuroscience. It introduces people to neuroscience-related events, facilitates networking, and makes group learning about neuroscience enjoyable.