

## EDUCATION

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### **The University of Michigan School of Public Health, April 2021**

Master of Public Health in Epidemiology

Certificate: Graduate Certificate in Health Informatics

Cumulative GPA: 3.86 / 4.00

### **Georgia State University, August 2018**

Bachelor of Science in Biological Sciences

Cumulative GPA: 3.58 / 4.00 (**Cum Laude**)

## SKILLS

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Microsoft - Word, Teams, PowerPoint, Excel,  
Outlook, OneNote, Publisher, Access

SAS 9.4

SPSS 26

SQL

R Studio

Tableau

Research Design

Data Visualization

Statistical Analysis

Data Collection

IRB Writing (Proficient)

Scientific Communication (Proficient)

Spanish (Limiting)

## WORK EXPERIENCE

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### **Michigan State Youth Soccer Association (MSYSA), Plymouth, MI**

*Public Health Consultant, June 2020 – Present*

- Consulted with MSYSA leadership to advise on safe, public health practices for the restart of statewide soccer clubs, and related activities including 90,000 players, 11,000 coaches/staff members, and parents.
- Researched federal, state, and soccer-specific recommendations to generate public health informed guidelines and decision charts for MSYSA return-to-training and soccer day camp programs.
- Utilized virtual meeting services for working in a remote capacity with a team of public health graduate students and faculty to address any concerns MSYSA had with playing soccer during the COVID-19 pandemic.

### **Michigan School of Public Health, Department of Epidemiology, Ann Arbor, MI**

*Instructional Aide, August 2020 – December 2020*

- Demonstrated flexibility when coordinating with a team, supported by the Epidemiology Department, to pioneer an initiative that nurtured a sense of community among new graduate students participating in virtual learning.
- Constructed weekly lesson plans to facilitate discussion among 20 to 50 students to aid in their comprehension of challenging epidemiology concepts.
- Employed bi-weekly surveys to capture feedback from the 100 students which contributed to improving the quality of the instructional aide sessions over 4 months.

**HomeMD Care Resource Team, Howell, MI**

*COVID-19 Outcomes Evaluator, June 2020 – August 2020*

- Communicated research on COVID-19 related treatments and patient care management that aided in the Cares Resource Team's understanding of the virus.
- Analyzed 100+ electronic medical records to identify patients who had COVID-19 and their pre-existing conditions to establish a monitoring procedure of the patient's recovery progress.
- Conducted a survey across 50 healthcare facilities in partnership with HomeMD to evaluate if any change in equipment, sanitation, testing, and staffing protocols were correlated with the outcomes of patients with COVID-19.

**Gordon Research Group, Michigan School of Public Health, Department of Epidemiology, Ann Arbor, MI**

*Laboratory Technician, September 2019 – August 2020*

- Consolidated a database of influenza test results from human respiratory samples for use in future collaborative research with US partners.
- Performed polymerized chain reaction (PCR) on purified RNA samples to confirm the presence of specific influenza strains when surveying the health of a cohort population in Nicaragua.
- Organized and managed the upkeep of 100,000 human respiratory and RNA samples within subzero freezers that coincides with a detailed record of samples in a shared data network.

**CDC/Morehouse Undergraduate Public Health Scholars Program, Washington, D.C.**

*Public Health Scholar, May 2019 – August 2019*

- Developed public health competencies and acquired professional exposure through participation in a Centers for Disease Control and Prevention Undergraduate Public Health Scholars (CUPS) Program Training Grant funded program.
- Executed a cross-sectional, public health study, using SPSS, on a dataset containing 800 participant survey responses.
- Spearheaded the logistics involving the non-profit organization's bi-weekly outreach missions that resulted in registering a total of 70 individuals for free STD screening in the surrounding communities through a mobile care unit.
- Presented findings from the research project to over 100 conference attendees at The Annual Biomedical Research Conference for Minority Students (ABRCMS, CA, 2019).

**C. Cichlid Laboratories, Georgia State University, Atlanta, GA**

*Undergraduate Researcher, January 2018 – April 2018*

- Organized a detailed record of experiments performed to ensure the quality and control of future laboratory experiments.
- Generated primers, performed PCR, and gel electrophoresis on RNA primers and performed in-situ hybridization wash on Convict Cichlid Embryos to monitor their gene expression.

- Discovered the Sonic Hedge-Hog gene was present in the frontal lobe of the *Amatitlania nigrofasciata* embryos and shared findings at two poster conferences during the course of the study.
- Collaborated on a 15-person team to accomplish the project objective and was awarded Most Professional amongst lab group.

**Kroger Family of Companies, Pharmacy, Atlanta, GA**

*Pharmacy Technician, May 2017 – September 2017*

- Assisted the standing pharmacist in providing customer service to store and pharmacy patrons through clear communication and carefully dispersing prescribed medications.
- Familiarized myself with Kroger Pharmacy's 'EasyFill' electronic health record systems to improve the care of pharmacy patients.
- Trained new employees on pharmacy processes and procedures to develop a competent work staff capable of patient care.

**NIH STREAMS Program, Boonshoft School of Medicine, Wright State University, Dayton, OH**

*Biomedical Research Scholar, May 2016 – August 2016*

- Studied the applications of technology in the biomedical field and acquired professional exposure through participation in The National Institute of Health Funded Short-Term Training Program To Increase Diversity In Health-Related Research (STREAMS) program.
- Authored and obtained approval for an Institutional Review Board demonstrating scientific writing skills and assisting with the start of a research study.
- Constructed the framework for a Public Health study related to Alzheimer's research for evaluating chess players' and their brain activity to understand the oxygen demands of the human brain.
- Utilized biomedical equipment such as Functional Near-Infrared Spectroscopy for a clinical study assessing the association between chess and developing Alzheimer's.
- Employed my scientific communication and public speaking skills that contributed to weekly journal club discussions.

## **CERTIFICATES**

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### **Research Data Services @ Georgia State University (RDS@GSU) Data Certification**

**Date Awarded:** 12/18/2020

- Completed workshops on data analysis tools (SPSS, 3 hours; SAS, 1.5 hour; R, 3 hours; Python, 3 hours), data analysis methods (Survey Design, 3 hours; Networks, 3 hours; Logics & Logistics of Qualitative Methods, 1.5 hours), and data visualization (Tableau, 3 hours).

### **John Hopkins University COVID-19 Contact Tracing**

**Date Awarded:** 06/16/2020

- Completed workshops on the Basics of COVID-19, Contact Tracing for COVID-19. Steps to Investigate Cases & Trace Their Contacts, Ethics of Contact Tracing & Technological Tools, and Skills for Effective Communication in a total of 8 hours.

### **A.S.T.H.O. Making Contact: A Training for COVID-19 Contact Tracers**

**Date Awarded:** 06/18/2020

- Provided by the Association of State and Territorial Health Officials (ASTHO) and the National Coalition of STD Directors (NCSO).
- Completed workshops on Basics of COVID-19, Basics of Contact Tracing, Effective Communication & Interviews and Case Monitoring & Resources in a total of 8 hours.

## **PROFESSIONAL ORGANIZATIONS**

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### **This Is Public Health (TIPH)**

*Ambassador, April 2020 – June 2021*

- Served as a champion of public health education and inspiring a passion for public health in the next generation of students through the Association of Schools & Programs of Public Health (ASPPH).
  - Maintained TIPH Instagram, Facebook, and Twitter social media platforms for 1 week to actively participate in public health pipeline building and professional development opportunities.
  - Shared my professional experiences at ASPPH virtual recruitment fairs and virtual speaking events to spread awareness of public health career options
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