

# ANNA WALSH

Rochester, NY | (585)770-8055 | annawals@buffalo.edu | linkedin.com/in/anna-e-walsh

---

## Education

University at Buffalo, The State University of New York | Honors College

**Bachelor of Science in Biomedical Engineering**, Biological Sciences Minor | May 2024

## Experience

**Cardiac Rhythm Management ACE Summer Associate Program**, June 2023 – Present

Medtronic • Clinical Specialist Intern • Western New York

- Provided technical, educational, and sales support to assist the district in meeting pacemaker and defibrillator sales and customer service objectives.
- Worked closely alongside mentors, electrophysiologists, and medical staff both in implant and routine clinic follow-up.

**Patient Care Technician**, June 2022 – September 2023

Unity Hospital • Rochester Regional Health System • Greece, NY

- Provided direct patient care in accordance with treatment plans from a registered nurse for up to 20 patients per shift. Maintained patient safety with no patient falls under my direct care.
- Extensive experience in pulmonary care units and monthly shifts in critical and comfort care.

**Medical Receptionist**, May 2021 – June 2023

English Road Pediatrics & Adolescent Medicine • Rochester, NY

- Acted as a bridge between patients and healthcare team by answering questions and helping navigate the healthcare system. Assisted with medical billing and insurance companies.
- Point-person for the transition to EMR from paper medical records while maintaining HIPAA compliance.

**Volunteer**, July 2019 – Present

Love Must Act/ Holy Cross School • Makhanda, Eastern Cape, South Africa

Project: STEM Summer Camp Founder

- Created the Holy Cross School's first 5-day STEM camp with a network of mentors from 3 different Universities. Camp sought to equip and inspire students to learn foundational STEM concepts with an aim to instill confidence in their ideas and skills.
- Manage all day-to-day activities for students and mentors including international flights for volunteers, transportation for participants, and ensuring execution of curriculum and educational outcomes.
- Coordinate regular meetings with the Holy Cross School's leadership and donors.

Project: Letter Writing Program

- Coordinated the pairing of over 120 participants and 90 students to form an international pen-pal program.
- Goal of the program was to increase and maintain retention of students' enrollment in the school.
- Conduct yearly fundraising events and presentations to recruit volunteers and donors.

**Teaching Assistant**, August 2021 – December 2021

Evolutionary Biology • Department of Biological Sciences • University at Buffalo

- Independently taught 20+ students wet and dry laboratory sessions of evolutionary biology.
- Maintained the gradebook, evaluated student's understanding of lab concepts, and offered office hours.

## Technical Skills

Knowledge of MatLab & Solidworks • Microsoft Office • Mammalian Cell Culture • Technical Communication

## Projects

*Aerosol Delivery of Artificial Surfactant in Neonates*, 2022

Proposal for testing different polymers for coating tubing for the aerosol delivery of surfactant in preterm infants. Provided a paper detailing the experimental design and importance of this sector of healthcare.

*Improving Hallway Patient Safety and Satisfaction with Access to Call Lights*, 2022

Conducted surveys with RNs, LPNs, and PCTs and supplemental research on the safety and care of patients in hallway bedspaces. Presented results and recommendation report based on findings.

## Activities

Committee Member TINKER Camp University at Buffalo • RISE Community School Satellite STEM Outreach Coordinator • Biomedical Engineering Society, President UB Chapter • UB Symphony Orchestra, First Chair Oboist • Pre-Meds Without Borders, Underclassmen Mentor • UB Association of Premedical Students • UB Student Support Services Notetaker • Schussmeisters Ski Club • FIRST Robotics Mentor

## Awards & Achievements

- University at Buffalo Dean's List (2020, 2021, 2022)
- Tau Beta Pi Engineering Honors Society Member
- Community Engagement & Global Communication Digital Badge
- UB School of Engineering and Applied Sciences Women's Leadership & Empowerment Award
- New York State Seal of Biliteracy - Spanish