

GRACE LOWER

(919) 618 – 6330 ❖ glower@unc.edu ❖ Wake Forest, NC ❖ Chapel Hill, NC ❖ linkedin.com/in/grace-lower

SUMMARY

Statement: Passionate, motivated, and self-disciplined student interested in water quality and environmental health in North Carolina and beyond.

Skills: Critical reasoning, systems thinking, laboratory experience, strong communication, organization, data collection & analysis, self-discipline.

WORK EXPERIENCE

Research Analyst II (Full-Time)

The COAST Lab, UNCW Center for Marine Science

Wilmington, NC (05/24 – Present)

Assisting in development of water quality sensors.

Skills: GitHub, VS Code, sensor design, data collection / analysis.

Undergraduate Research Assistant (Volunteer Part-Time)

Toxic Metals Lab, UNC Gillings – Chapel Hill, NC (01/24 – 05/24)

Group Fitness Instructor, Mentor to Trainees

UNC Campus Recreation – Chapel Hill, NC (08/22 – Present)

Studio 104 on Main – Rolesville, NC (06/23 – Present)

Franklin Street Yoga Center – Chapel Hill, NC (01/24 – Present)

Writer and Editor

CIRCA Magazine – Wake Forest, NC (08/20 – Present)

LEADERSHIP

Treasurer, Media Manager – Carolina Vibe Dance Team ('21 – Present)

Vice President – National Science Honor Society ('20 – '21)

President – American Sign Language Club ('19 – '21)

Dance Captain – Heritage Honors Theater ('20 – '21)

Board Member – Wake Forest Youth-in-Government Advisory Board ('18 – '20)

Counselor in Leadership Training – YMCA Camp Kanata ('19)

CERTIFICATIONS

Environment, Health, & Safety Laboratory Training at UNCW (05/24)

3D Printing Safety Training at UNCW (05/24)

Environment, Health, & Safety Laboratory Training at UNC-CH (01/24)

Gillings on the Ground: Disaster Response Training Program (09/23 – 11/23)

BEaM Makerspace at UNC-CH (01/23)

Red Cross® First Aid / CPR / AED (11/22)

National Exercise Trainers Association Barre Specialty (05/23)

Zumba® Teaching License (05/22 – 06/22)

OTHER EXTRACURRICULARS

Carolina for the Kids Dance Marathon; individually raised \$1000+ for UNC Children's Hospital ('22 – '23)

Heel Gram Pen Pals, UNC-CH ('21 – '23)

Competitive & recreational dance ('06 – '21)

EDUCATION

The University of North Carolina at Chapel Hill

The Gillings School of Global Public Health

Environmental Health Sciences, BSPH

- ❖ 3.612 GPA
- ❖ Dean's List (Fall '21 '22 '23, Spring '24)
- ❖ Expected graduation: May 2025

Notable Coursework:

- ❖ Environmental Engineering
- ❖ ECUIPP Lab (*Environmentally-Engaged Communities & Undergraduate Students Investigating for Public Health Protection*)
- ❖ Health Effects of Environmental Agents
- ❖ Ecology & Evolution
- ❖ Oceanography
- ❖ Epidemiology
- ❖ Foundations of Public Health
- ❖ Chemistry (*General, Organic, Environmental*)
- ❖ Physics

Istituto Lorenzo de' Medici – 2023

Florence, Italy (Study Abroad)

- ❖ The Science of Food, Health, & Wellbeing
- ❖ Italian Food: Culinary & Cultural Traditions

Heritage High School – 2021

Wake Forest, NC

- ❖ 4.6 GPA, Summa Cum Laude
- ❖ Top 1% rank
- ❖ Trentini Scholar
- ❖ 10 AP courses
- ❖ Math Rigor curriculum
- ❖ 3 Honor societies

Notable Advanced Placement (AP) coursework:

- ❖ Seminar, Research
- ❖ Environmental Science, Chemistry, Biology
- ❖ Calculus I & II, Statistics

AWARDS

- ❖ AP Scholar with Distinction
- ❖ AP Scholar with Honor
- ❖ AP Capstone Diploma
- ❖ Junior Marshal
- ❖ Student of the Year
- ❖ Critical Thinking in Science
- ❖ Best in Theater, Collaboration in Dance

REFERENCES

Amanda Northcross, PhD: Dir. Undergraduate Studies, Dept. Environmental Sciences & Engineering, Gillings (919-966-1481, amandaln@email.unc.edu)

Beryl Bortey, MPH: North Carolina Department of Health and Human Services (980-349-1626, beryl.bortey@dhs.nc.gov)

Rebecca Eacho: UNC Campus Rec, Asst. Dir. of Fitness & Wellness (919-962-7955, reacho@email.unc.edu)