

Natalie Lin

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Detailed-oriented student leader who is compassionate and motivated to promote equity in youth health and orthopedics through research and medicine.

Education

University of North Carolina at Chapel Hill | GPA: 4.0.....May 2028
B.S. Biomedical Engineering and B.S. Biology
Honors Carolina: Highly selective academic program admitting 10% of each incoming class

Volunteer and Work Experience

UNC Medical Center, Undergraduate Volunteer.....Jan 2024 - Present

- Answered patient calls and performed patient rounds to improve patient experience in a nursing unit

Carolina Adapts Toys for Children, Member.....Aug 2024 - Present

- Sourced toys to make them more playable for kids with disabilities by adding an accessible button

Magic of Science, Community Engagement Board Member.....Aug 2024 - Present

- Presented science experiments to pediatric patients in hospitals and other in-need backgrounds each month
- Improved organization of sign-ups and files for over 100 members

Perera Lab at Colorado State University, Researcher.....Aug 2023 - Aug 2024

- Learned and applied knowledge of various laboratory procedures to design experiments
- Analyzed data to understand the relationship between triglycerides and the virus life cycle

Larimer County Department of Health and Environment, Youth Engagement Specialist.....Jul 2023 - Aug 2024

- Presented at the “Public Health in the Rockies” conference about using youth voice to create safe spaces
- Surveyed over 500 youth participants on how a teen center could best support their needs and mental health
- Established a Teen Activity Center, with over 1000 youth visits in the first year, to aid youth mental health
- Communicated with community stakeholders and promoted public relations

Leadership Experience

Poudre School District Future Ready Tutoring, Co-founder.....Jun 2023 - Jul 2024

- Launched and ran the first free school and SAT tutoring program for youth in the district
- Communicated with and managed 16 ambassadors from various schools across the district

STEM in Elementary Schools, Co-founder.....Jan 2023 - May 2023

- Created STEM labs and managed resources to teach over 200 elementary school students

Math Honor Society, Executive Board Member.....May 2022 - May 2024

- Organized events such as Trivia Nights and Spikeball Tournaments to raise over \$10,000 for non-profits
- Managed service hours, payment, and membership of over 150 members each year

Science Olympiad, Participant and Coach.....Sep 2017 - Apr 2024

- Coached Colorado state champion middle schoolers in Anatomy and Flight
- Developed a new practice system that promoted excellence and collaboration

Awards and Honors

National Merit Scholarship Program, Finalist.....May 2024

- The top 0.1% of high school students who took the NMSQT and were selected for their abilities, skills, accomplishments, and great potential for success in rigorous college studies and beyond

Substance Abuse and Mental Health Services Administration, Honorable Mention.....Feb 2024

- FentAlert Challenge award for producing an educational film to show youth the dangers of fentanyl

City of Fort Collins Human Relations Commission, Human Relations Award.....Dec 2023

- Contributed to the acceptance and diversity of minority and disadvantaged citizens in the community

Skills

- Wet Laboratory: qRT-PCR, positive and negative RNA extraction, western blot, cell culture, plaque assays, total lipid chromatography, cytotoxicity assays, DNA extraction, and mosquito blood feeding
- Computer: MATLAB, Excel, Java, JavaScript, CSS, SwiftUI, Swift, HTML