

Copeland Ward Lachapelle

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EDUCATION

University of North Carolina Adams School of Dentistry, Chapel Hill, Expected 2027 D.D.S.

- CBSE: 78 EPC

North Carolina State University, Raleigh, NC 2019 – 2023

- B.S. Biochemistry
- 3.71 GPA, Magna Cum Laude
- DAT 23 AA

RESEARCH AND PROJECTS

UNC Department of OMFS, *Research Assistant*, Advisors: George Blakey, DDS and Ray White, DDS

- **Study:** A Pilot Prospective Study of Hericium erinaceus (Lion's Mane Mushroom) Supplementation for the Perioperative Safety and Inferior Alveolar Nerve Recovery after Bilateral Sagittal Split Osteotomies
- Investigating improved treatment outcomes following orthognathic surgery by promoting a beneficial systemic environment for nerve regeneration via the effects of Hericium erinaceus.
- Sought IND and IRB approval and contributed to study design and data collection methods

UNC Department of OMFS, *Research Assistant*, Advisor: Ashley Manlove, MD, DDS

- **Study:** Differences in Anatomy of Pterygoid Plates in Patients with Cleft Palate
- Worked to form a database of UNC orthognathic patients with or without the presence of a cleft
- Contributed to standardized measurements of pterygoid plate length and thickness

UNC Department of OMFS, *Coauthor*, Advisors: Dr. George Blakey, DDS, Dr. Ray White, DDS, and Dr. Timothy Turvey, DDS

- **Article:** Foundations and Fixation: An Oral History of OMFS at UNC
- Conducted interviews with Drs. White, Turvey, and Blakey, consisting of a complete history of the UNC OMFS program
- Coauthored an article documenting the history presented by Drs. White, Turvey, and Blakey.

NCSU Department of Biochemistry, Undergraduate Research Assistant, 2022-2023, Advisor: Dr. Colleen Doherty

- Participated in benchtop research, including plant cloning and gene editing

NCSU Department of Biophysics, Undergraduate Research Assistant, 2021-2023, Advisor: Dr. Mary Elting

- Participated in benchtop research involving gene editing of *E. coli* and *S. cerevisiae* for applications in cancer research

LEADERSHIP AND SERVICE

AMOR Volunteer Clinic, UNC 2024 – Present *Cofounder and President*

- Cofounded a clinic focused on serving the troubled youth and migrant community of the North Carolina Triangle area.
- Established three partners, including Haven House Services, EMBRACE, and the Baptists on Mission.

OMFS Club, UNC 2025 – 2026 Co-Vice President

- Established a monthly journal club
- Organized a pig jaw suture lab

OMFS Club, UNC 2026 – 2027 Co-President

Dental Students Against Abuse and Human Trafficking, UNC 2024 – 2025 Cofounder and President

- Hosted lunch and learns discussing the signs of abuse and trafficking in the dental setting
- Worked with the UNC Office of Violence Prevention and Advocacy Services to formulate a dental-specific course
- Hosted a dental supply drive for the UNC Hospital's Beacon Program

International Student Trip for World Congress on Dental Traumatology, Warsaw, Poland 2026, Co-leader and organizer

- Helped organize and plan a school-sanctioned trip to the 2026 World Congress on Dental Traumatology in Warsaw, Poland.
- We will be attending lectures and hands-on workshops focused on autotransplantation and its applications.

ORAL SURGERY EXTERNSHIPS AND CLINICAL EXPERIENCE

Externship at the University of North Carolina at Chapel Hill, 2024 and 2025

- Observed and/or assisted in orthognathic procedures, large benign pathology resections, and facial trauma.

Externship at Geisinger Health, Danville, PA 2024

- Gained exposure to head and neck oncologic surgery and patient management

Externship at University of Florida, Gainesville, FL 2025

- Observed and/or assisted with orthognathic procedures, TMJ arthroscopy, and benign pathology reconstruction

Externship at Virginia Commonwealth University, Richmond, VA 2026

- Observed and/or assisted with orthognathic procedures, TMJ arthroscopy, benign pathology reconstruction, facial trauma reconstruction, and an IPS subperiosteal implant placement

AWARDS AND CERTIFICATES

Claude Adams Jr. and Grace Phillips Adams Scholarship

Boston Medical Center Intermediate Spanish Level I Certificate of Completion

UNC Office of Violence Prevention and Advocacy Services Certificate of Completion

EXTRACURRICULARS

Co-owner of CBSEReview

- This company is focused on producing high-quality CBSE study questions and materials for OMFS applicants.

Co-owner of MedAI

- An AI engine for board review courses for various medical specialties.

UNC ASOD AI Committee Student Ambassador

- Attend monthly AI advancement meetings
- Helped develop a student-facing chatbot called Clinic Companion

INTERNATIONAL EXPERIENCES

Christian Medical & Dental Associations (CMDA) Clinical Mission Trip (Treasure Beach, Jamaica)

- Mission trip designed to provide free dental care to a rural community in Jamaica.

World Congress on Dental Traumatology (Warsaw, Poland)

VOLUNTEERING AND OUTREACH

Roots 2024, 2025

SNDA Student Panel 2025

Bridging the Gap Mentor 2025

ASDA Mentor 2025

Smile Clinic 2024

Reach Clinic 2024

Deah Day 2023, 2024, 2025

NON-CLINICAL SKILLS

Language: Intermediate Spanish

Technology: EPIC, Microsoft, AI-assisted Python development