



CHRISTOPHER M. REYNOLDS

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EDUCATION

MEDICAL SCHOOL:

Campbell University School of Osteopathic Medicine - Buies Creek, NC
Degree: Doctor of Osteopathic Medicine Anticipated: May 2026

UNDERGRADUATE:

University of North Carolina at Chapel Hill, NC
B.S. Biology, May 2021

TEACHING EXPERIENCE

Point of Care Ultrasound Teaching Assistant: Campbell School of Medicine August 2023-Present

- Teach 1st year medical students foundations and principles of sonography in a systems-based format for approximately 1 hour per week

Molecular Genetics/Microbiology Lab Teaching Assistant (Duke University) May 2021-May 2022

- Aided undergraduate students in developing and conducting independent research projects
- Created instructional videos for techniques including PCR, cell culturing, and gel electrophoresis

Anatomy/Physiology Lab Teaching Assistant (UNC - Chapel Hill) January 2019-May 2020

- Assisted students in learning basic anatomical structures and relationships via weekly lectures
- Developed interactive Kahoot review sessions and held weekly office hours

RESEARCH EXPERIENCE

Pain Relief and Opioid Mitigation Innovation Science (PROMIS) Lab (Duke) May 2023-Present

- Conducting meta-analysis of hospital pricing transparency efforts in regards to pain services
- Strategizing optimal pre-operative pain medication regimen for elective surgeries

Thermally Dimorphic Fungal Pathogen - *Talaromyces marneffe* (Duke) May 2021- August 2022

- Studied the virulence effects of a dsDNA mycovirus inducing antifungal resistance
- Developed mouse model to evaluate viral infection's method of dissemination

CORONA Project (UPenn School of Medicine - Remote) September 2020- May 2021

- Evaluated COVID-19 single cell transcriptomic data to search for novel therapeutic targets
- Contributed to developing Tableau-based Corona Viewer Database to organize treatment grades

HARPOON Project (UNC - Chapel Hill Department of Chemistry)

May 2019-July 2019

- Analyzed solar energy's potential to produce chemical fuel sources
- Presented poster presentation to peers and departmental faculty

MEDICAL PUBLICATIONS and PRESENTATIONS

“The Role of a Novel TmPV1 Mycovirus on *Talaromyces marneffe* Virulence: Impact on Human Talaromycosis Outcomes”

Christopher Reynolds¹, Matt Burke, Thu Nguyen, Anna F Averette, Sheng Sun, Joseph Heitman

Poster presented at the Duke Center for AIDS Research

“Urogenital Manifestations of Duplicated Ureters: A Case Study to Address Symptoms through Osteopathic Manipulative Medicine”

Asia-La'Rae M. Walker¹, **Christopher Reynolds**¹, William Kerr¹, Brianna Perdue¹, Shaun Pitts¹, Alexa Kelly², Maxx Toler²

LEADERSHIP EXPERIENCE

Anesthesiology Interest Group President: Campbell University School of Medicine

- Work to educate and promote interest in the field of anesthesiology among medical students through hosting guest speakers, workshops, and simulations to provide hands-on experience
 - January 2023 - Present

Extracurricular Peer Navigator Team Leader: Campbell University School of Medicine

- Lead and support team of 2nd year medical students advising incoming medical students on how to get involved in research, volunteer, and professional networking endeavors beyond the classroom
 - January 2023 - Present

EDUCATIONAL MEETINGS

Duke Pain Research in Progress Series

- Members of labs within the Department of Anesthesiology present updates on current projects regarding pain medicine research on the 3rd Wednesday of each month

Duke Pain Journal Club

- Virtual journal club comprised of pain medicine fellows that meets on the 1st Friday of each month; discussion centered around current topics in pain medicine research

Medicine Grand Rounds: Duke University

- “Infectious Diseases Associated with Afghan Immigrants and International Visitors” given by Dr. Jay Weber, MD, MPH, FIDSA, FSHEA, FRSM
 - Friday, March 11th, 2022

Eukaryotic Pathogenesis Investigators Colloqui (EPIC) Symposium: Duke University

- Regional seminar series focused broadly on fungal and parasitic pathogenesis incorporating both clinical and basic research talks
 - Friday, March 25th, 2022

Asia-Pacific AIDS & Co-Infections Conference: Remote

- “Development of Interferon-Gamma Release Assays for Diagnosing Latent Talaromycosis”
 - May 22, 2022

Duke Center for AIDS Research

- “Agrobacterium-Mediated Transformation to Manipulate RNAi Machinery Genes in *T. marneffei*” given by Dr. Thuy Le, MD, PhD
 - May 3rd, 2022

VOLUNTEER ACTIVITIES

Student Doctor at University Clinic for the Uninsured (Lillington, NC) November 2022-Present

- Provide full primary care services under attending supervision
- Tuesday evenings 5:00-10:00 PM; 1 shift/ month

Medical Assistant at the Samaritan Health Center (Durham, NC) September 2021- Present

- Deliver primary care to, conduct labs, and assist in vision exams for underinsured populations
- Work alongside interprofessional healthcare team including pharmacy students and dieticians

Event Coordinator: Special Olympics of North Carolina (Raleigh, NC) April 2018 - June 2020

- Planned and oversaw Olympic Sporting events for individuals with intellectual and physical disabilities

CERTIFICATIONS

QPR Gatekeeper Certification

- In-person suicide prevention program sponsored by QPR Institute
- Obtained February 2022

American College of Surgeons Stop the Bleed Course Associate Instructor

- Completed hands-on training to safely and effectively stop bleeding in severely injured people
- Obtained February 2022

American Heart Association Basic Life Support Provider

- Passed cognitive and skills evaluations to provide CPR and use AED
- Obtained December 2022 (most up-to-date certification)

Research Animal Coordinator Certification: Duke University

- Took a hands-on course on basic animal procedures for research endeavors
- Obtained July 2021

NC Veterinary Medical Board: Analgesia, Monitoring, and Humane Endpoints

- Virtual, Brown Bag Seminar on animal handling for research
- Obtained June 2021

PROFESSIONAL MEMBERSHIPS

Campbell University Community Care Clinic
CUSOM Anesthesiology Interest Group
CUSOM Research Club
Internal Medicine Club
Point-Of-Care Ultrasound Club
Sports Medicine Club
Student Osteopathic Medical Association
Student National Medical Association

HOBBIES & INTERESTS

Podcasting
Real Estate
Acoustic Guitar
International Travel