

Jeri Tyler

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Education

Marshall University Joan C. Edwards School of Medicine

M.D. Candidate

Huntington, WV

July 2024 - Present

Longwood University

Bachelor of Science in Biology

Minor: Chemistry

GPA: 3.94

Dean's List (5 semesters)

President's List (1 semester)

Farmville, VA

May 2022

Research Experience

Epigenetically Heritable Effects of Maternal Behavior in Rats

Farmville, VA

Lead Student Researcher

August 2020 – November 2022

- Investigated effects of maternal behavior in rats both genetically and epigenetically
- Analyzed data from tests of spatial and nonspatial memory, boldness/anxiety, and resilience
- Facilitated research, conducted literature reviews, and presented research at conferences

Investigation of the DNA Binding Proclivities of Small, Outer-Sphere-Modified Platinum (II) Complexes

Student Research Fellow

August 2021 – November 2022

- Investigated binding affinities of various platinum-based chemotherapy molecules
- Synthesized a new platinum-based molecule and tested its binding affinity to DNA in vitro
- Published an article describing the research protocols and presented research at UVA

Work Experience

Family Dermatology of Albemarle

Charlottesville, VA

Dermatology Assistant

July 2023 - June 2024

- Documented physician dictated patient history, procedures, and treatment plans
- Assisted in medical procedures such as surgical excisions and biopsies

Crewe Medical Center

Crewe, VA

Medical Assistant

January 2022 - May 2023

- Documented physician dictated patient history, examination, and radiograph impressions
- Managed the CEPHEID COVID-19 PCR machine
- Assisted with physical examinations and researching treatment plans for various diseases

Awards

Sigma Xi Research Conference: Interdisciplinary Science and Top Presenter Awards, 2021