Cheyenne M. Chandler

*Curriculum Vitae*

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**EDUCATION**

Fall 2024 Doctorate of Pharmacy

College of Pharmacy

University of Kentucky

Fall 2022 - 2024 Masters of Science

Medical Science

University of Kentucky

Spring 2022 Bachelor of Science

Agriculture and Medical Biotechnology

University of Kentucky

**Publications and Presentations**

**Published Publications**

1. **Chandler CM.** The Impact of Alcohol in the Intensive Care Unit. *The Future DO. Vol 2. Issue 2.*

**Oral Presentations**

1. **Chandler CM.** The Impact of Alcohol in the Intensive Care Unit (ICU). *Substance Use Research Event (SURE) Symposium*. University of Kentucky, Lexington, KY, April, 2024.
2. **Chandler CM.** The Impact of Alcohol in the Intensive Care Unit (ICU). *African American Research Training Symposium.* University of Kentucky, Lexington, KY, June, 2023.
3. **Chandler CM.** Characterization of Adipose Tissue gene expression in Zhx2+ and Zhx2- mice on a high-fat high-cholesterol diet. *ABT 395 Student Research Symposium.* University of Kentucky, Lexington, KY, May 2020.
4. **Chandler CM.** Characterization of Zhx2 target in correlation of Afr2. *Summer Creativity and Research Fellowship Symposium*. University of Kentucky, Lexington, KY, August 2020.
5. **Chandler CM.** Characterization if Adipose Tissue Gene Expression in the Gene Afr2 with Mice Treated with CCl4­ in Bl/5 and C3H mice.” *Undergraduate Research Showcase Symposium.* University of Kentucky, Lexington, KY, April 2021.
6. **Chandler CM.** Undergraduate Research Experience in Faculty Mentored Research. *Chellgren Student Fellow.* University of Kentucky, Lexington, KY, September 2020 & October 2021.

**Research Experience**

09/2022- Present *Graduate & Doctoral Student Research: Clinical Research Coordinator*

PI: Dr. Jamie Sturgill, College of Medicine, Department of Microbiology, Immunology, & Molecular Genetics University of Kentucky

09/2019- Present *Undergraduate Student Research: Clinical Research Technician*

PI: Dr. Brett Spear, Department of Microbiology, Immunology, & Molecular Genetics University of Kentucky

Subject: Analyzation of *Zhx2* transcriptional factor response in the human body in metabolic homeostasis.

**Medically Relevant Work Experience**

1. Shadowing Experience with Dr. Katelyn Yackey in the UK Chandler Hospital- Emergency Medicine Pediatrics Department
2. Shadowing Experience with Dr. Linda Katirji in the UK Chandler Hospital – Emergency Medicine Department
3. Shadowing Experience with Dr. Alexis Nichols in the UK Chandler Hospital – Emergency General Surgery Department and Medical Intensive Care Unit – Blue Surgery Unit. Hours 102.
4. Shadowing Experience with Dr. Bradley Litteral in the UK Chandler Hospital – OR Pharmacy Clinical Staff Unit. Hours 4.
5. Virtual Shadowing Experience with PA Joel, Surgical & Clinical Ophthalmology PA-C. October 2020. Hours:5.
6. COVID-19 Vaccine Clinic Registration with UK Healthcare, University of Kentucky. March 2021. Hours 58.5.

**Awards, Honors and Scholarships**

2024 – current Diversity and Enhancement of UK College of Pharmacy

2023-2024 Graduate Student Representative of UK College of Medicine: MIMG Dept.

2023 African American Research Training Scholar – UK SCOBirc dept.

2021 Research Mentor of the Year Student Review Committee. Presented by the Office of Undergraduate Research as a leadership opportunity to select students, to evaluate nomination letters for the Excellent Undergraduate Research Mentor Award.

2020 Summer Research and Creativity Fellowship. Presented by the Undergraduate Research Office for assisted research learning opportunities. Award: $2500.

2017 Governor’s Honors. Presented by Chapel Hill High School and The Board of Education for the State of Georgia.

**Service and Outreach**

1. God’s Pantry. Assisted in emergency food preparation for the Lexington community in COVID-19 relief efforts. God’s Pantry, Lexington,KY. September 2020.
2. Underground Perspective Donation Drive. Prepared several items for the homeless community of Lexington, KY and participated in relief efforts from COVID-19. Lexington, KY, October 2020.

**Leadership**

2024 – current Professional Healthcare Student Advisor of Hues in Medicine

2019-current Chellgren Fellow and Chellgren Mentor

2023 – current Graduate Student Representative of UK College of Medicine: MIMG dept.

2023 – 2024 Hues in Medicine Secretary

2022 – 2023 Hues in Medicine Social Media Manager

2021-current Research Mentor of the Year Student Review Committee

2021-current Underground Perspective Active Member

2021-current Hues in Medicine Active Member

**Employment**

2024 – current *Clinical Research Coordinator*, Dr. Jamie Sturgill, College of Medicine: Immunology, Microbiology & Molecular Genetics, Pulmonary Critical Care Research

2022- 2024 *Federal Work Study Clinical Research Coordinator,* Dr. Jamie Sturgill, College of Medicine: Immunology, Microbiology & Molecular Genetics, Pulmonary Critical Care Research

2021-2022 *Student Research Technician.* Dr. Brett Spear, UK College of Medicine: Immunology, Microbiology & Molecular Genetics