Justin Tiger

Memphis, TN

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**EDUCATION**

University of Memphis, Memphis, Tennessee

**Bachelor of Science in Biology**

Relevant Courses: Cell Biology, Biochemistry, Microbiology

**CLINICAL EXPERIENCE**

**Methodist Medical Group (Dialysis Center)**, Memphis, Tennessee

*Intern*

* Provide comfort and support for patients receiving renal dialysis
* Engage with patients to address various needs and concerns

August 2022

September 2021–August 2022

* Assist medical staff with ensuring pod units were carefully stocked and running smoothly for patients

**SHADOW EXPERIENCE**

**Memphis Health Center**, Memphis, Tennessee

*Shadow Student*

* Shadowed Dr. Elizabeth Pittman a general practitioner for 60 hours

December 2020-January 2020

* Viewed Dr. Pittman’s interactions with patients during examination and throughout explanations of diagnosis
* Gained a greater understanding of the strong communication skills needed to be a physician

**University of Tennessee Medical Center**, Knoxville, Tennessee

*Shadow Student*

October 2020

* Shadowed various Emergency Room doctors during two eight-hour shifts to better understand Physician roles and expectations
* Observed the unpredictability and variety of cases seen in an emergency room setting
* Gained a better understanding of the flexibility and quick thinking needed to work as a physician in this environment

**RESEARCH EXPERIENCE**

**University of Memphis**, Memphis, Tennessee

*Research Intern, Department of Microbiology*

* Created single amino acid mutations in an enzyme involved in sulfur metabolism, sulfite reductase
* Cleaned and organized lab equipment to ensure workspaces were safe and sanitized
* Ordered and maintained office and lab supplies needed to conduct research

May 2019–August 2019

*Research Intern,* Cellular, Biochemistry & Cellular and Molecular Biology January 2019–May 2019

* Studied cell responses to a mutant yeast protein in a protein trafficking laboratory
* Performed site-directed mutagenesis through PCR to create specific mutants and transformed them into yeast
* Observed protein stability and ubiquitination by immunoblotting and localization by immunofluorescence
* Maintained research data in SPSS and Microsoft Excel

**SKILLS**

Error and Statistical Analysis of Experimental Data, Spectroscopic Methods, Electrophoretic Techniques, Chromatographic Separations, Isolation and Characterization of Biological Materials, Data Entry, Problem Solving, Critical Thinking, Reporting