

Justin Tiger

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EDUCATION

University of Memphis, Memphis, Tennessee

August 2022

Bachelor of Science in Biology

Relevant Courses: Cell Biology, Biochemistry, Microbiology

CLINICAL EXPERIENCE

Methodist Medical Group (Dialysis Center), Memphis, Tennessee

September 2021–August 2022

Intern

- Provide comfort and support for patients receiving renal dialysis
- Engage with patients to address various needs and concerns
- Assist medical staff with ensuring pod units are fully stocked and running smoothly for patients

SHADOW EXPERIENCE

Memphis Health Center, Memphis, Tennessee

December 2020–January 2020

Shadow Student

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

October 2020

Shadow Student

- 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

May 2019–August 2019

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

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