

# Justin Tiger

Memphis, TN  
(555) 555-1234 | jtiger@memphis.edu  
www.linkedin.com/in/justintiger

## EDUCATION

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University of Memphis, Memphis, Tennessee

August 2022

### Bachelor of Science in Biology

Relevant Courses: Cell Biology, Biochemistry, Microbiology

## CLINICAL EXPERIENCE

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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 were carefully stocked and running smoothly for patients

## SHADOW EXPERIENCE

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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

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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

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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