

# Pre-Med Applicant

Current: Research Lane, Madison, WI 53703 [pm.app@wisc.edu](mailto:pm.app@wisc.edu), (123) 456-7891

## EDUCATION

### **University of Wisconsin-Madison**

Focus: Pre-Med, May 2020

Majors: Neurobiology

Concentration: Arabic, Jewish Studies, Economics

GPA: 3.75

### **Honors and Awards**

Shinners Family Scholarship

Undergraduate Research Scholar

Dean's List (1 semester)

Aschenbrener Family Scholarship

## RELEVANT COURSEWORK

Undergraduate Research seminar

Certified Nursing Assistance

Neurosurgery Laboratory

Neurobiology Independent Study

## LABORATORY TECHNIQUES

**Proficient:** Axon/ dendrite/ Protein Isolation, immunofluorescence microscopy (IF), Rat surgery

**Familiar:** Western plots, Culture growth and maintaining, various types of rat and mice surgeries, Field work

## RESEARCH EXPERIENCE

*Researcher/ long-term Neurosurgery-* Madison, WI

August 2019-Ongoing

- Effectively able to distinguish and measure axon and dendrites using immunofluorescence microscopy
- Prepare stock solutions, reagents, various types of media, and performed routine autoclaving
- Work as a team member to save pictures and organize files for team to analysis and measure

*WI River Water Monitoring Program-* Madison, WI

September 2015-May 2018

- Contributed to the development of a state wide long-term water quality database
- Measure of precipitation, Phosphorus, Turbidity, pH levels, Nitrate, Ammonia, Conductivity, Dissolved Oxygen, Temperature, flow of water and habitat scores including Macroinvertebrates

## HEALTH EXPERIENCE

**HCR Manor Care** - Madison, WI

October 2017- Ongoing

*CNA/ Hospitality Aid*

November 2017-Ongoing

- Display strong clinical Skills in assessing vital signs, performing lab draws, and glucose checks, and providing pre- and post- operative care
- Ensure the accurate, timely flow of information by maintaining through patient records and updating healthcare team on patients' status as complied with HIPAA standard in all patient documentation
- Provide high-quality patient care as a CNA within surgical, acute-care, rehabilitation, and home-healthcare and nursing home settings

*Hospitality Aid HCR Manor Care*

June 2017- October 2017

Preserve patient dignity and minimize discomfort while carrying out duties such as bedpan changes, diapering, emptying drainage bags and bathing.

- Complied with HIPAA standards in all patient documentation and interactions
- Conducted regular patient rounds and head counts before bedtime, eating, and activities

*St. Elizabeth's Hospital* volunteer

Winter of 2018-2019

- Prepared and participated in activities and conversation with patients and their families/ guests

*Shadowing Dr. Jones*

March 2018- Ongoing

- Weekly shadowing for five hours to take and compare notes to medical student and Dr. Jones' notes
- Join and participate with medical students in Jones' lessons and quizzes

## ADDITIONAL EXPERIENCE

*Faith Student Association* Religious chair and Representative

Organizing, marketing, and setting up for events

## SKILLS

**Languages:** Arabic (Fluent), Spanish (Proficient), Hebrew (Proficient),

**Technical:** Windows, Apple, and Google (Proficient), trained to use social media for business promotions

Utilize multiple software programs for medical and research purposes