

# MOUSTAFA HABRA

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Research Assistant at Wayne State University School of Medicine conducting a clinical sleep research study at the Detroit VAMC.

## EXPERIENCE

### Research Assistant, Wayne State University JUL 2023 – Present

- I schedule patients, and then conduct, stage, and score PSG tests
- I administer a novel treatment for veterans with SCIs that may help their sleep, and analyze the data that arises from this treatment.
- I also handle the administrative aspects of the study, such as filing amendments and continuations

### Teaching Assistant, University of Michigan AUG 2022 – MAY 2023

- Teaching assistant role for Biophysics 450/550, the biophysics lab class.
- Graded student papers and answered student questions
- Set up and further developed experiments and assisted the professor and GSI with lab work and setup.

### Nurse Aide, Beaumont Hospital JUN 2022 – AUG 2022

- Worked as a Nurse Aide in Beaumont Hospital, Taylor during a COVID wave.
- Took patient's vitals and blood sugar, gave them their meals, and assisted nurses with their care.

### Volunteer, Beaumont Hospital DEC 2021 – Present

- Volunteered on the Medical/Surgical floor
- Helped patients with simple comfort care
- Assisted nurses, and aided in administrative tasks.

### Research Assistant, UMich Radiology FEB 2020 – DEC 2020

- Assisted Dr. Scott Swanson with biophysics research
- Specifically nanobubble simulation in MRI research, and its possible use as contrast in MRI

### Resident Caregiver, First & Main Assisted Living JUN 2021 – AUG 2021

- Assisted with caring and serving elderly residents
- Became especially involved with activities, and started a book club initiative.

### Service Mechanic, D&D Bicycles and Hockey JUN 2020 – AUG 2020

- Built Giant brand bicycles
- Learned how to service old bicycles.

### Gifts of Art Volunteer, Michigan Medicine FEB 2020 – APR 2020

- Would visit patients in their rooms, and change art on their wall if needed.
- Highly rewarding, as I could interact with many patients directly.

### Research Assistant, Beaumont Hospital FEB 2020 – APR 2020

- Worked in research with the colorectal department,
- Contributed to a published medical study, dealing with the ERAS protocol and admission day of the week its effect on length of stay.

## EDUCATION

### University of Michigan, BS Biophysics 2019 – 2023

## SKILLS

- Python, C++, MATLAB, shell scripting, Excel
- Fluent in English, Arabic, & Spanish
- Biophysics Lab Techniques: Circular Dichroism, Calorimetry, IR spectrometry, Protein Extraction & Purification, NMR, Molecular Dynamics

## ACTIVITIES

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- **Students Organize 4 Syria Refugee Volunteer**
  - Gave lessons in Arabic & English to Syrian Refugees