

# EM DEE

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## EDUCATION

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### University of Miami

Coral Gables, FL

*Bachelor of Science in Biology*

May 2027

- **GPA:** 3.8
- **Honors:** Provost's Honor Roll, President's Honor Roll, Ronald Hammond Scholar
- **Relevant Courses:** Genetics, Cell and Molecular Biology, Organic Reactions and Synthesis, Human Anatomy & Physiology, Comparative Physiology

## RESEARCH EXPERIENCE

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### The Miami Project to Cure Paralysis

Coral Gables, FL

*Research Assistant*

May 2022 – Present

- Establish and maintain in vitro primary cultures and cellular isolations, prepare culture medium and buffers used in the lab, and assist in transfection of glial cells with viral vectors
- Perform analysis of cell culture, histological, electrophysiological, behavioral, and MRI data using statistical methods and enter data into SPSS
- Aid principal investigator in preparation of research reports by providing and editing data to aid in grant applications

## EXPERIENCE

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### University of Miami Hospital

Miami, FL

*Hospital Volunteer*

August 2022 – Present

- Shadow an internal medicine physician and observe consults with patients and family members
- Engage with various community outreach programs, including health fairs and awareness campaigns, to educate individuals about preventive healthcare measures
- Collaborate closely with a diverse team of volunteers, fostering a positive environment

### University of Miami Department of Biology

Coral Gables, FL

*Biology Workshop Leader*

September 2022 – Present

- Organize and lead a class of 7 biology students through a curriculum designed by the professor
- Facilitate discussions and encourage students to ask questions, promoting a deeper understanding of the material
- Assist with organizing lectures by University of Miami Miller School of Medicine faculty to educate pre-medical students on current issues in healthcare and medicine

### Columbia University College of Physicians and College of Dental Medicine

New York, NY

*Summer Medical and Dental Education Program Participant*

June – August 2022

- Shadowed primary care and emergency medicine physicians and observed their interactions with patients who presented with various conditions
- Attended academic enrichment seminars on anatomy, general and organic chemistry, and physics to gain greater knowledge and understanding of the basic sciences and improve academic performance

## SKILLS & ACTIVITIES

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**Languages:** Fluent in Spanish

**Technical Skills:** Microsoft Office Suite, Advanced in SPSS, SAS, R

**Certifications & Training:** CPR/First Aid Certification, Narcan Certified, Covid-19 Tracing

**Activities:** American Medical Student Association, Doctor's Hospital Volunteer, Miami Motion