

Carolina M. Calonge

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Summary

As a fourth year Applied Physiology & Kinesiology on the pre-medical track, Carolina is going through chemistries and anatomy classes in addition to degree specific classes that include clinical anatomy and exercise prescription. The research she is involved in focuses on diagnostic tools for Parkinson's disease and different associated symptoms to track for disease progression.

Professional History

PATIENT CARE COORDINATOR – Gainesville, FL

October 2024 – present

- Coordinate physical therapists' and patient schedule
- Shadow physical therapists while performing therapeutic exercises
- Charge insurance copays and deal with facilitating workers' comp

CERTIFIED NURSING ASSISTANT – Miami, FL

Palmetto Subacute Care Facility

May 2023- August 2023

- Completed mandatory training programs and maintained knowledge of current healthcare protocols and procedures.
- Responded to patient calls and alarms promptly, providing reassurance and addressing immediate needs.
- Collaborated with the nursing team to update patient charts through Point Click Care software.
- Transported and transferred patients with Hoyer lift as needed.
- Cared for 10+ patients per shift.

Educational History

- Associates of Arts in Liberal Arts and Sciences, **University of Florida**
- Applied Physiology and Kinesiology B.S., **University of Florida**

May 2024

May 2026

Research Experience

- Movement Estimation & Assessment Laboratory
 - Diego Guarín, Ph.D. at University of Florida Health and Human Performance College

Spring 2023 – present

Languages and Skills

- Proficient in Spanish
- MDS-UPDRS Training and Certificate
- BLS certification from American Heart Association
- UF Health/Shand's HIPPA certification

Additional Activities

INTER-RESIDENCE HALL ASSOCIATION

September 2022 – present

- President (2025- 2026)
- Operations Manager (2024-2025)
- Regional Business Conference Delegate (2024)
- Assistant Receptions Director (2023-2024)
- Homecoming Director (2023)
- Yulee Area Council, Business Manager (2022-2023)

UF WOMEN'S WATER POLO CLUB

August 2022 – present

- Equipment Chair (2023-2024)
- Player (2022- present)

AI CLUB

August 2024 – present

- Member

UF AMERICAN MEDICAL STUDENT ASSOCIATION

January 2025 – present

- Member

Awards and Achievements

- University Scholars Program: August 2025 – May 2026
- Artificial Intelligence Undergraduate Research Scholar: August 2024- May 2025
- Dean's List: Fall 2023
- Forza Stefano Foundation Scholarship: June 2022

Presentations

- “Comparison of finger tapping velocity features between groups of healthy control, iRBD, and Parkinson's Disease using video-based analysis.”
 - 2024 HHP Poster Presentation
 - 2024 University of Florida AI Days
 - 2024 University of Florida Fall Undergraduate Research Symposium
 - 2025 University of Florida Spring Undergraduate Research Symposium
 - 2025 D.K. Stanely

Publications

- Acevedo, G., Lange, F., Calonge, C. *et al.* VisionMD: an open-source tool for video-based analysis of motor function in movement disorders. *npj Parkinsons Dis.* **11**, 27 (2025). <https://doi.org/10.1038/s41531-025-00876-6>

Conferences Attended

- South Atlantic Affiliate of College and University Residence Halls, Regional Leadership Conference 2024
- National Affiliate of College and University Residence Halls, Annual Conference 2024
- South Atlantic Affiliate of College and University Residence Halls, Regional Business Conference 2024